




FIRST LAUNCH

2019 • ALL SYSTEMS GO


**FIRST
ROBOTICS
COMPETITION**
**CHAIRMAN'S
AWARD**
**2019
HOUSTON
CHAMPIONSHIP**

UNITED
HONDA

HOUSTON
Methodist
LEADING MEDICINE
AmegyBank

FANS,
THIS
BUD'S
FOR
YOU.
Budweiser

9:20:21 PM

Coca-Cola

Budweiser
BREW HOUSE

CHEVROLET SILVERADO

TEXAS A&M
BURGER KING
FOUL

Chairman's: Jumpstart Your Journey



**4-H EXPLODING BACON
ROBOTICS CLUB**

**TEAM
1902**

**TEAM
1902**

#OinkOinkBoom
#TogetherWeInspire
#JumpstartRCA2020
#InfiniteRecharge



Submission Content & Award Emphasis

TEAM
1902

- **Best exemplify the true meaning of *FIRST* through Measurable impact with emphasis on promoting STEM through *FIRST* programs**
- Field a drivable robot
- **Recent accomplishments within the last five years/sustained period**
- [Definition list for terms](#)
- [Documentation Form](#)

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.



- [Chairmans Award Resources](#), includes: Past Winners Submissions
- [Chairman's Award Submission Definitions and Resources](#)
- [Firstinspires.org Awards Submission Guidelines](#)
- [Chairman's Documentation Form](#)
- Chairman's Video Consent & Release of Rights Form
- *Disclaimer: FIRST changes submission criteria, this presentation is no substitution for thoroughly reading and understanding the submission criteria and rules on the official website*

Changes to this year's

TEAM
1902

- Documentation form
- Definition of Reached
- Documentation letters
- Video Consent & Release Form – now a checkbox
- Interview times, prescheduled.



Chairman's At a Glance

TEAM
1902

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



1902 Approach

TEAM
1902

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



1902 Approach

TEAM
1902

Do Your Research

- Watch Simbotics (1114) Chairman's Video
- Past Submissions & Team Resources
- Search Chief Delphi for tips
- Ask for help



1902 Approach

TEAM
1902

Make a Plan

- Schedule 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



1902 Approach

TEAM
1902

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



J	FGC Teams	as of 2/21/2019
Assisted/Mentored/Hosted, etc...		
J	The number of team members assisting and mentoring teams	17 (S&M) as of 2/6/2019
EX J	Number of FLL teams we've "equipped members to form" Number of FTC teams we've "equipped members to form" Number of FRC teams we've "equipped members to form"	See below (starting)
EX J	Number of FLL Jr teams EB has assisted (2019/2018-19(cumulative))	3/3 as of 2/6/2019
EX J	Number of FLL teams EB has assisted (2019/2018-2019)	2/6 as of 2/6/2019
EX J	Number of FTC teams EB has assisted (2019/2018-2019)	3/6 as of 2/6/2019
EX J	Number of FRC teams EB has assisted (2019/2018-2019)	43/61 as of 2/6/2019
EX J	Number of FLL teams EB has mentored(2019/2018-2019)	3/12 as of 2/6/2019



Chairman's Culture

TEAM
1902

- Celebrate what you value!
- Plan your schedule to work with more demands year round
- Engaging & inspiring programs
- Prioritize programs: fun and interesting to team
- Reward those who contribute
- Team requirements
- Mentor & student leadership embrace impactful culture



Chairman's Essay

TEAM
1902

- An Essay (10,000 characters)
- Executive Summaries (500 character each)

Both must be submitted by a student through STIMS

- Creativity of expression
- Clearly deliver information & facts about the team
- Draw attention to the strengths of the team
- Proofread, proofread, proofread!
- *Serves as the basis for the judges to make the decision on which team earns the Chairman's Award*



Chairman's Interview

TEAM
1902

- **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 optional 1 adult mentor
- Judges will be interviewing teams who successfully complete the submission process.
- **Bring confirmation of submission to event**
- Get your interview time from Pit Admin
- Judges are there for you and want you to succeed
- Feedback form



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 & more recent
- Tie in personal stories
- Practice creates confidence

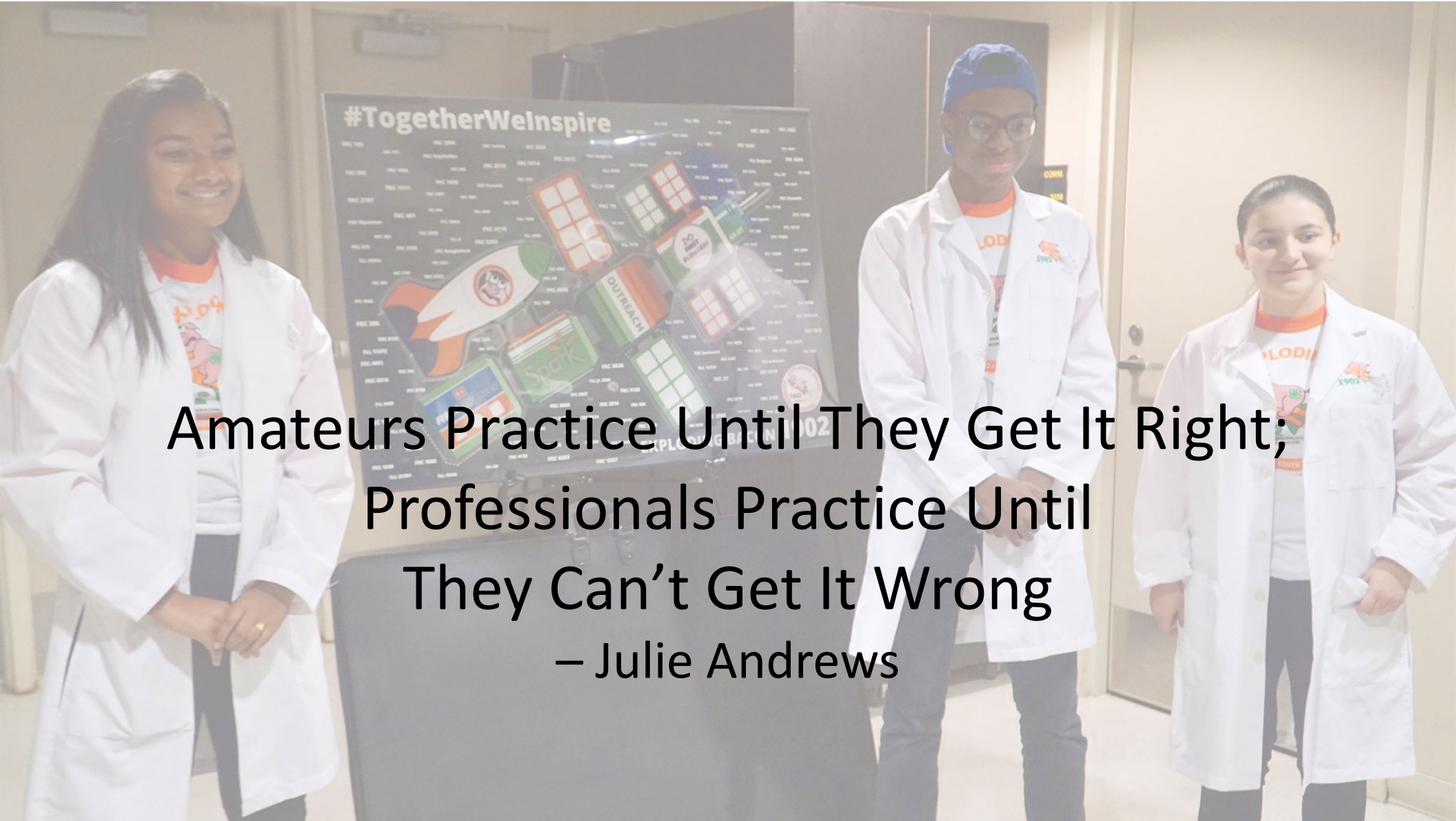


Prepare Your Entire Team

TEAM
1902

- 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 all 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**.





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

Chairman's Video Submission

TEAM
1902

- 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
- Flash drive in the plastic bag with clear team information. (Have 2 tested)
- *A Final few 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.*



What are the Judges looking for?

TEAM
1902

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

- 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
- New Criteria



Important Tips

TEAM
1902

- READ THE RULES!
- Needs to be a team effort, not just a few people
- Know who you are and tell your story consistently.
- Do what you say; follow through
- Document everything you do (facts, pictures, video)
- Ask for feedback from experience people
- Be patient, trust and affirm one another
- Know your team's individual strengths & weaknesses. Take breaks. Keep hydrated and fed. Understand what they need to succeed.
- Practice extensively.

- **Have a sense of humor!!!**



Chairman's Resources

TEAM
1902

- [FIRSTInspires.org Chairman's Award Resources](#)
- [2020 Chairman's Award Submission Definitions](#)
- [Firstinspires.org Awards Submission Guidelines](#)
- [Chairman's Documentation Form](#)
- [FRC Judging Process Overview](#)
- [Exploding Bacon Chairman's Resource](#)
- [1902 Hall of Fame submission](#)
- [Team Rush Questions](#)
- [Simbotics Chairman's video](#)
- Questions? explodingbacon.team1902@gmail.com



Chairman's Resources

TEAM
1902

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

www.explodingbacon.com/chairmans/

Our full 2019 Chairman's Submission is available at:

www.explodingbacon.com/2019-championship-chairmans-award/

Questions?

Reach out to us via email at info@explodingbacon.com
or any of our social media channels





FIRST LAUNCH

2019 • ALL SYSTEMS GO

**FIRST
ROBOTICS
COMPETITION**

**CHAIRMAN'S
AWARD**

**2019
HOUSTON
CHAMPIONSHIP**

UNITED
HONDA

HOUSTON
Methodist
LEADING MEDICINE
AmegyBank

FANS,
THIS
BUD'S
FOR
YOU.
Budweiser

9:20:21 PM

Coca-Cola

Budweiser
BREW HOUSE

CHEVROLET SILVERADO

TEXAS A&M
BURGER KING
FOUL

FRC AWARDS OVERVIEW



**4-H EXPLODING BACON
ROBOTICS CLUB**

**TEAM
1902**

**TEAM
1902**

#OinkOinkBoom
#TogetherWeInspire
#InfiniteRecharge



Purpose and Goals of *FIRST*

TEAM
1902

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

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



***FIRST* Awards**

**TEAM
1902**

Submitted Awards

- Digital Animation
- Chairman's
- Woodie Flowers
- Dean's List
- Safety Animation
- Entrepreneurship

Attribute Judged Awards

- Engineering Inspiration
- Gracious Professionalism®
- Imagery
- Judges'
- Rookie All-Star
- Rookie Inspiration
- Safety
- Team Spirit

Robot Judged Awards

- Autonomous
- Creativity
- Excellence in Engineering
- Industrial Design
- Innovation in Control
- Quality Award



Why Submit?

TEAM
1902

- A good exercise
- Acknowledge your strengths
- Focus team efforts
- Celebrate your strengths
- 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



What are the Judges looking for?

TEAM
1902

Teams demonstrating of *FIRST* Core Values such as continuous GP.

Definition of Gracious Professionalism

- *Gracious Professionalism* is part of the ethos of *FIRST*. It's a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community.
- with *Gracious Professionalism*, fierce competition and mutual gain are not separate notions.

Gracious professionals learn and compete like crazy, but treat one another with respect and kindness in the process. They avoid treating anyone like losers. No chest thumping tough talk, but no sticky-sweet platitudes either. Knowledge, competition, and empathy are comfortably blended.



Award Submission Deadlines

**TEAM
1902**

Award	Submission Process	Submitted By	Date
Digital Animation Award	File Transfer Website	Any Team Member	Coming Soon
Chairman's Award	Team Registration System	Student Award Submitter	THURS, February 6, 2020, 3PM ET
Woodie Flowers Award	Team Registration System	Student Award Submitter	THURS, February 6, 2020, 3PM ET
Dean's List Award	Team Registration System	Adult Award Submitter	THURS, February 13, 2020, 3PM ET
Safety Animation Award	Team Registration System	Student Award Submitter	THURS, December 5, 2019, 3PM ET
Entrepreneurship Award	Summary Business Plan Submitted at event	Students in Pit	At Events



Submitted Judged Awards

TEAM
1902

- **Chairman's Award**: honors the team that best represents a model for other teams to emulate and **best embodies the mission of FIRST**. Due: 02/06/20, 3pm
- **Digital Animation Award**: Celebrates the **art of the digital animation** and its close relationship to STEAM. Due: *deadline coming soon*
- **FIRST Dean's List Award**: Celebrates **outstanding student leaders** whose passion for and effectiveness at attaining *FIRST* ideals is exemplary. Due: 02/13/20, 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: 02/06/20, 3pm
- **Safety Animation Award**: Recognizes the team that submits a short animated film that **best promotes the current season's team safety focus**.
Due 12/05/19, 3pm



Woodie Flowers Award

TEAM
1902

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
1902

- 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
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 (1) event.
- **One (1) 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

TEAM
1902

The Award Celebrates

- **Engineering Inspiration Award:** outstanding success in advancing respect and appreciation for engineering within a team's school and community.
- **Entrepreneurship Award:** the entrepreneurial spirit; team developed comprehensive business plan to define, manage, and achieve the team's ongoing objectives.
- **Gracious Professionalism[®] Award:** outstanding demonstration of *FIRST* Core Values working together both on and off the playing field.
- **Imagery Award:** attractiveness in engineering and outstanding visual aesthetic integration of machine and team appearance.



Awards Based on Team Attributes

TEAM
1902

- **Rookie All-Star Award:** the rookie team exemplifying a young but strong partnership effort, implementing the mission of *FIRST* to inspire students.
- **Rookie Inspiration Award:** a rookie team's outstanding success in advancing respect and appreciation for engineering and engineers in their community.
- **Safety Award:** the team that progresses beyond safety fundamentals by using innovative ways to eliminate or protect against hazards.
- **Team Spirit Award:** extraordinary enthusiasm and spirit through exceptional partnership and teamwork furthering the objectives of *FIRST*.
- **Judges' Award:** During the course of the competition, the judging panel may decide a team's unique efforts, performance, or dynamics merit recognition.



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

- *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.

- To be eligible: the team must bring a Summary Business Plan to each event and be able to explain to the judges how the plan helps to ensure the team's continued participation in *FIRST*. Business plan must be turned into the judges during the pit interviews.
- All members of the team should be able to clearly and concisely explain how the team plans to be sustainable for many years moving forward.



Entrepreneurship Award

TEAM
1902

Guidelines

- Clear concept or approach to building team and operates as a cohesive system. Proactively identified and managed risks, acquiring the assets to effectively deal with adversity as well as unexpected events.
- 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 their business plan is organized
 - How the team makes decisions and divides their workload
 - How the team keeps students, mentors, and sponsors actively engaged
 - How they recruit and train future team members
 - How they celebrate success and document lessons learned to prevent repeating mistakes



Entrepreneurship Award

TEAM
1902

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
1902

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
1902

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
1902

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. (Optional)

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, *sponsored by National Instruments*

TEAM
1902

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.
(Optional)

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 for themselves and others.

Guidelines

- Judges and/or Safety Advisors will focus on team safety behaviors and safe physical conditions included in their safety plans (See [Safety Manual](#)) along with their safety outreach to other teams
- The team exemplifies safety in everything they do & has a plan for operating safely before, during, & after the season.
- A team spokesperson must be able to explain:
 - How their safety culture within their team environment exists so that safety is a top priority.
 - How they train team members on basic safety practices as well as tool & machine safety
 - How they integrate safety into their everyday activities including:
 - Personal protective equipment (PPE) - wearing required and providing for others at outreach opportunities
 - Safe physical conditions – workspace, condition of hand tools and power tools, power cords, safe handling of batteries and charging equipment
 - Help establish a culture of safety throughout the *FIRST* community



Team Spirit Award, *sponsored by Fiat Chrysler*

TEAM
1902

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.



Important Tips

TEAM
1902

- READ THE RULES!
- Should be a team effort, not just a few people
- Know who you are and tell your story consistently.
- Do what you say; follow through
- Document everything you do (facts, pictures, video)
- Ask for feedback from experienced people
- Be patient, trust and affirm one another
- Know your team's individual strengths & weaknesses. Take breaks. Keep hydrated and fed. Understand what they need to succeed.
- Practice extensively.

- **Have a sense of humor!!!**



Resources

TEAM
1902

LINKS TO FIRST AWARDS THROUGHOUT PRESENTATION

Link to 1902 Chairman's resources recommended pages:

www.explodingbacon.com/chairmans/

Our full 2019 Chairman's Submission is available at:

www.explodingbacon.com/2019-championship-chairmans-award/

Questions?


Reach out to us via email at info@explodingbacon.com
or any of our social media channels





FIRST LAUNCH

2019 • ALL SYSTEMS GO


**FIRST
ROBOTICS
COMPETITION**
**CHAIRMAN'S
AWARD**
**2019
HOUSTON
CHAMPIONSHIP**

UNITED
HONDA

HOUSTON
Methodist
LEADING MEDICINE
AmegyBank

FANS,
THIS
BUD'S
FOR
YOU.
Budweiser

Coca-Cola

9:20:21 PM

CHEVROLET SILVERADO

TEXAS A&M
BURGER KING
FOUL