



*FOR INSPIRATION AND RECOGNITION OF SCIENCE AND TECHNOLOGY*

Thank you for your interest in FIRST Robotics Team 1736, Robot Casserole! We are looking for business partners to help sponsor our team for the 2017 season. This will be the 11th year that we will compete in the FIRST Robotics Competition, an annual event bringing professionals and students together in teams to solve an engineering design problem in an intense, cooperative, and competitive way. Participation in this event incurs expenses like entry fees, parts, materials, and travel expenses. We are in need of support to assist our team in achieving our goal to compete in regional events and win a place in the Championship event held in St. Louis, Missouri, in April of 2017. Your support can help us achieve that.

While participating in events is exciting and fun, FIRST Robotics is about much more than robots and competitions. It is about exposing young people to science, technology, engineering and math in a positive way, giving students an opportunity to get hands-on experience under the guidance of volunteer mentors, and teaching them about teamwork, gracious professionalism, and cooperation while competing. Please see the sponsorship sheet for a list of ways you can help.

Sincerely,

*Students and Mentors of FIRST Robotics Team 1736, Robot Casserole*

Email: *frc1736@gmail.com* Address: Robot Casserole Team 1736, 10744 N. Bodell Dr., Peoria, IL 61615

My organization \_\_\_\_\_ would like to become a:

- Platinum Sponsor (\$5,000)       Gold Sponsor (\$2,500)       Friends of Robot Casserole (\$100)  
 Silver Sponsor (\$1,000)       Bronze Sponsor (\$500)

Enclosed with this form is our check for \$ \_\_\_\_\_

*Please make checks payable to Illinois FIRST with "for Team 1736" on the memo line, a 501c3 tax-exempt organization.*

My organization would also like to help by:

- Providing Mentors       Providing Materials  
 Providing Machining or Other Services       Other \_\_\_\_\_

Thank you for your support of our program.

We would like to have all our sponsors identified by December 2, 2015.

Contact Information

Contact Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_



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## **TEAM MISSION**

As *FIRST* Robotics Team 1736, Robot Casserole, our mission is to inspire and foster students' natural curiosities and ingenuity by applying a technical challenge within real-life constraints that promotes the development of leadership, teamwork, problem-solving, technical, creative, software, and communication skills. We wish to be a prominent and visible force within our community that encourages gracious professionalism, cooperation, volunteerism, and hands-on STEM-based learning.

## **THE VALUE AND IMPACT OF SUPPORTING *FIRST* ROBOTICS TEAM 1736**

For 9 years Robot Casserole has recruited and mentored high school students from Peoria and surrounding area public, private, and home schools for participation in the annual *FIRST* Robotics Competition. Students meet with volunteer mentors to learn skills such as project planning, mechanical fabrication, electrical wiring, computer-aided drawing, software programming, business logistics, photography, and filmmaking.

The team is about far more than competitions: community outreach to inspire other students to consider STEM fields is just as important to us. Our team plans and hosts two annual events to inspire young minds to consider STEM fields and participation in programs such as *FIRST* LEGO League (FLL), *FIRST* Tech Challenge (FTC), and *FIRST* Robotics Competition (FRC). In partnership with the Peoria Public Library, the team hosts RoboMania and teaches LEGO programming classes during the summer. The Peoria Riverfront Museum is host of our multi-team RoboRumble event, which draws media attention and large crowds of people. We visit schools, perform community service, and participate in events such as the Discover Manufacturing Careers Expo, Introduce a Girl to Engineering Day, and 4-H clinics.

Our efforts have come full circle: we have students who started with our team while in high school, graduated from college in STEM fields, are employed in STEM fields locally, and have returned to the team to mentor and inspire the current students on the team.

## **SPONSOR BENEFITS**

The biggest benefit of sponsorship is knowing that you can make a difference in the life of a young person by supplying them with the opportunity to participate on a *FIRST* Robotics Competition team. Your contribution is multiplied when our students interact with the community to inspire them to consider STEM fields and participation in *FIRST* programs. Please see the Sponsorship sheet for a list of ways you can help.



# Sponsorship Opportunities



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## 3 WAYS YOU CAN HELP

- Make a financial donation
- Provide in-kind donations of materials or services
- Recruit mentors for our team from your company

	Platinum	Gold	Silver	Bronze	Friends of Robot Casserole
	\$5,000	\$2,500	\$1,000	\$500	Under \$500
Sponsor recognition on the team website and brochures	x	x	x	x	x
Recognition at community events we participate in	x	x	x	x	x
Business name and/or logo displayed in pit area at competitions	x	x	x	x	
Invitation to the Open House during the build season	x	x	x		
Business name and/ or logo displayed on the robot	x	x			
Recognition at FIRST event we participate in	x	x			
Sponsor recognition plaque	x	x			
Named in all team press releases	x	x			
Robot demonstration at business location by request	x				

### Materials and Services Needed

- Aluminum stock material (tube, flat, angle...)
- Plywood, 2x4s
- Hardware (bolts, nuts, washers, screws, rivets...)
- Hand and power tools
- Lexan, poly carbonate
- Safety glasses
- Screen printing services: t-shirts, banners, signage
- Printing services: business cards, brochures, flyers, newsletters
- Metal cutting services/machining services
- Aluminum welding services
- Food donations for six-week build season

### Mentors Needed

If you have an interest in working with high school students, mentoring may be for you! Both technical and non-technical mentors are integral for the success of the team. If you are interested in this rewarding experience, please contact us.

#### Primary Mentor Roles:

- Design and 3D Modeling
- Mechanical Fabrication
- Electrical Controls and Pneumatics
- Programming
- Marketing, Fundraising
- Administration (organization & communication)
- Media (Website, Photography, Video)
- Travel and Logistics
- Sponsorship and Fundraising
- Community Events Coordinator

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## 2017 Activities

- January Kick-off and start of six-week build season
- February Demo at Engineering Day, Peoria Riverfront Museum ♦ Demo at 4-H Clover Clinic, ICC
- March Central IL Regional Competition
- April Midwest Regional Competition & World Championship
- June Organized multi-team RoboMania event at Peoria Public Library - official stop on the *Science Treasure Hunt* sponsored by Peoria Academy of Science ♦ Organized multi-team RoboRumble event at the Peoria Riverfront Museum ♦ Volunteered at District 150 LEGO competition
- July Taught LEGO workshop at Peoria Riverfront Museum ♦ Volunteered at local LEGO camp ♦ Taught Library Robotics workshop at PPL North
- August Volunteered at the Midwest Makerfest ♦ Volunteer at Caterpillar STEM Fair
- September Team Recruitment and Training ♦ Mentoring FIRST LEGO League teams ♦ Peoria National Day of Play Event
- October Team Training ♦ Robot demo at Caterpillar to increase awareness of FIRST and recruit mentors ♦ Demo at *Explore Manufacturing Careers Expo* ♦ Participate in Caterpillar Women's Initiative Network to present *Introduce a Girl to Engineering Day* for area Junior High girls ♦ Mentoring FIRST LEGO League teams
- December Team Training ♦ Volunteering at FIRST Technical Challenge Qualifying Tournament at Quest Academy ♦ Volunteering at FIRST LEGO League Qualifying Tournament at Bradley University

