

Iowa FIRST LEGO® LEAGUE Jr. Creature Craze Team Grants
Sponsored by John Deere/ISU College of Engineering
Application Dates: February 1 – April 20, 2017

The College of Engineering is committed to creating and providing innovative K-12 programming that encourages a pipeline of future students to fulfill the high demand for engineers and STEM-related professionals now and into the future.

FIRST LEGO® League Junior is a LEGO program for children ages 6-10 created by a partnership between the LEGO Company and non-profit organization FIRST (For Inspiration and Recognition of Technology). FIRST has a mission of providing a means for young people to pursue opportunities in engineering and technology. FLL Jr. challenges students to problem solve, research, invent, and imagine, all in a team setting. Teams of up to six children plus two adult coaches/mentors work to design, build, and test with LEGO elements, as well as compile research information on a specified theme. The challenge theme changes annually, allowing teams to continue working together year after year while discovering new information and improving their engineering design concepts and knowledge together. The team's efforts culminate in Expo events held throughout Iowa where teams show off their knowledge and showcase their innovative approaches in a high energy, rewarding environment.

ISU Engineering Community Outreach will continue to lead the state's efforts in FLL and FLL Jr. including hosting and coordinating the state-wide events. Our goal is to promote STEM education through relationships with partnering organizations to increase the numbers of females and under-represented populations entering the STEM pipeline through FLL Jr. programming.

Team grants of \$400* each are available with a preference on the following aspects:

- Grants will be prioritized for:
 - Organizations serving high free-reduced /low SES youth
 - Organizations serving diverse youth
 - Organizations serving under-privileged youth
 - Organizations promoting STEM to females and under-represented minorities
 - Organizations not already participating in *FIRST*

- Team Grant Requirements – by applying for and accepting the funds, these are required:
 - Minimum of five (5) children
 - Minimum of three (3) females
 - Must register the team with FIRST
 - Must order a WeDo 2.0 kit
 - Must participate in an official Iowa FLL Jr. Expo event
 - Must roster team with FIRST
 - Must provide team demographics to Iowa FLL
 - Coaches/Mentor(s) must go through FIRST VIMS background check system
 - Must agree to participate in Season 2018 through other sponsors/donors support

*Team Grants will cover registration and \$200 towards LEGO WeDo 2.0 equipment or other team-related expenses such as mileage or materials, up to a maximum of \$400. Teams must submit all itemized receipts for reimbursement no later than June 30, 2017. No Expo attendance fees will be charged to grant-receiving teams for the Creature Craze season.

Grants will be considered as they are submitted and given to teams matching priority screening, as well as those able to meet the grant criterion until funding is expended.

Apply Here: <https://isek.wufoo.com/forms/q1spkxt60c5qwlp/>

Questions about the grants, FLL Jr. or related Engineering Community Outreach efforts may be sent to fll@iastate.edu.