



# 2019

## Funding Proposal

# GSU STEAM Camp

*“One child, one teacher, one pen, and one book can change the world.”*

— Malala Yousafzai

### ■ PROPOSAL

Governors State University seeks community volunteer and financial support to address social, economic, and geographic disparities by attracting girls and under-represented minorities in the STEAM fields (science, technology, engineering, art and math) by conducting a summer camp for children ages 11 to 16 from July 15 to 19 and July 22 to 26, 2019 at Governors State University.

### ■ BACKGROUND

Held in Governors State University's newly renovated science labs in University Park, IL, since 2014 and attended by students from 32 Chicago-area high school and special education joint agreement school districts across five counties ranging broadly from Cicero to Yorkville to Homewood to Pembroke, Illinois, the camp introduces students to current topics in science, arts, career development and life on a college campus.

GSU's STEAM Camp provides an exceptional opportunity for today's students to become tomorrow's innovators through extensive interaction with highly qualified faculty, business and industry volunteers and



each other. Camp modules are taught by outstanding instructors and field practitioners and assisted by pre-service teachers, graduate students and highly qualified volunteers from business and industry.

Activity tutorials, experiments, field activities and presentation opportunities are organized on a fun and structured schedule, encouraging students to envision STEAM careers or greater knowledge of how STEAM might inform their lives. The hands-on nature of the camp activities challenge students to work together in a series of fun and thought-provoking team-based activities.

Included professional career guidance supported by community partner, Junior Achievement, challenges students to begin thinking about careers that they may not be aware of, and help prepare students to think about and plan for the jobs of tomorrow.



## ■ STEAM CAMP GOALS

- Address social, economic, and geographic disparities attracting girls and under-represented minorities in the STEAM fields
- Help Illinois and the United States remain regionally and nationally competitive in STEAM field job creation and innovation
- Provide pre-career guidance and mentoring options to at-risk students
- Provide high quality, high-touch interactions mentoring and role model based relationships between college instructors, community and industry volunteers and students

## ■ COLLABORATION WITH EXTERNAL PARTNERS

Governors State University is pleased to partner with regional industrial leaders Bimba Manufacturing, Biomass Energy Systems, Inc. (BESI), Solvay USA, and community organizations Junior Achievement and South Metropolitan Higher Education Consortium's SouthWorks MakerLab Network.

Governors State University continues to actively seek individual and business volunteers and sponsors to actively participate in camp design and delivery.

**Donations support camper scholarships, camp activities and materials, and GSU students working in the camp.**

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### CONTACT

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