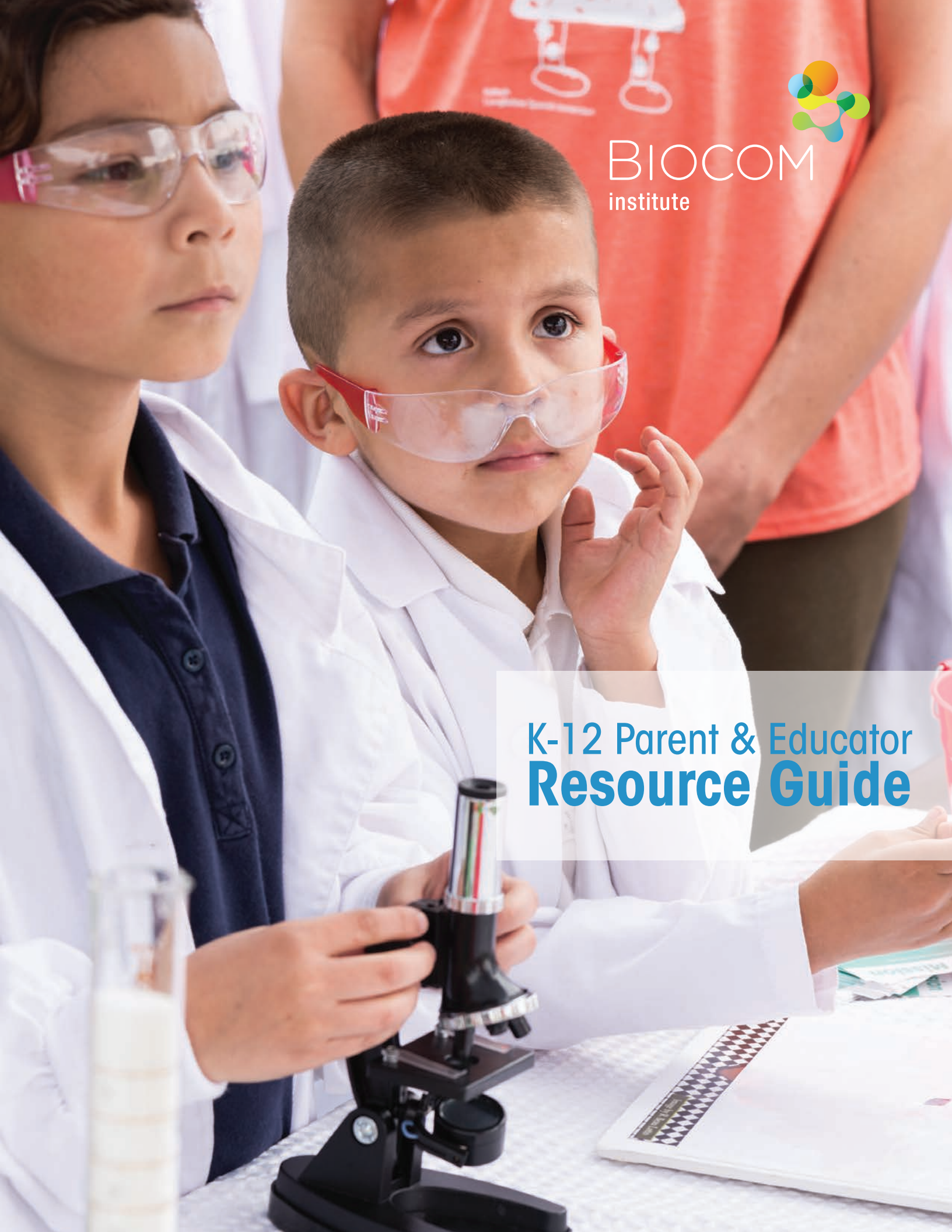




BIOCOM
institute

K-12 Parent & Educator
Resource Guide



BIOCOM INSTITUTE 2016-17 PROGRAMS



The **Biocom Institute Festival of Science & Engineering** is an eight day celebration of learning, interaction and behind-the-scenes opportunities for kids of all ages and their families to ignite their passion for STEM education.

2017 DATES: MARCH 4 -12 - EXPO Day at Petco Park kicks off the week on March 4!
All events are FREE and OPEN to the public, unless otherwise noted.

www.lovestemsd.org



Does your STEM club or classroom have a Bright Idea they would like to share?

The **Bright Idea Society** annual award recognizes three Science & Engineering classrooms or clubs at the elementary, middle, and high school levels. Each winning club or school is awarded a \$500 stipend and a 10x20 booth at the Biocom Institute Festival of Science & Engineering EXPO Day, to showcase their ideas to thousands of Festival attendees of all ages. Winning teams also receive Bright Idea Society t-shirts.

DEADLINE TO APPLY: FRIDAY, DECEMBER 2ND

www.lovestemsd.org/bright-idea-society



The **Inspire, Ignite, Innovate program (Triple I)** matches STEM industry professionals with San Diego County K-12 classrooms to provide exciting and interactive presentations. Triple I presenters are innovative science and engineering professionals drawn from industry, local research organizations, and universities. They are partnered with teachers and students from regional San Diego City and County schools to present on STEM topics that match their areas of expertise.

EDUCATORS: Do you want an Industry Professional paired with your classroom to give an interactive presentation? Visit our web-site or e-mail Karen at karen.overklift@biocom.org

www.lovestemsd.org/ignite-innovate-inspire



**HACKATHON
For Health**
improving lives with data

Hack-a-Thon for Health includes a highschool division for individuals or groups to show off their data analytic skills while providing insight into and or solutions for real world health related issues. Competitors have a week to analyze the data and winners present their solutions to healthcare community leaders. Takes place in Spring 2017, more information and application deadlines will be available in January 2017.

www.biocom.org/s/HealthHackathon

BIOCOM INSTITUTE 2016-17 PROGRAMS



The **We Love STEM** program is proud to provide San Diego County teachers with funding for STEM related field trips and classrooms projects. Teachers are encouraged to apply for funding to support a classroom project or field trip that takes place during Spring 2017.

DEADLINE TO APPLY: MONDAY, NOVEMBER 21ST

Spring 2017 grantees announced in December 2016

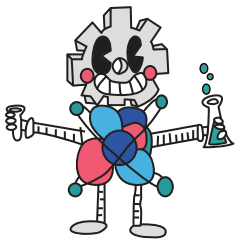
www.lovestemsd.org/we-love-stem-grants



The **STEM Voice™ Video Competition** is a nationwide opportunity for students to artistically express the importance of STEM, in their own voices. Students can sing, act, or animate a short video to show how much they love STEM. Semi-finalists in middle school and high school divisions from the Western region will compete with the Central & Eastern Regions for a national prize. This competition takes place in early spring. More information and application deadlines will be available in January 2017.

www.biocom.org/s/StemVoice

T-SHIRT DESIGN CONTEST



DESIGN OUR 2017 T-SHIRT!

All California residents in grades K-12 are invited to submit a design graphic for our 2017 Biocom Institute Festival of Science & Engineering merchandise. We encourage students to be creative and illustrate their favorite aspect of STEM – the sky is the limit! Designs focusing on an individual STEM concept or a blend of multiple concepts are acceptable and special consideration will be given to designs that do NOT include the acronym S.T.E.M. Winners will be chosen for placement on a variety of merchandise and will receive a framed original of their artwork, the merchandise item with their design, an invitation to the exclusive MVP luncheon at EXPO Day, tickets to local STEM attractions, and more.

DEADLINE TO APPLY: FRIDAY, DECEMBER 2ND

www.lovestemsd.org/stem-t-shirt-design-contest

Teacher Fellows PROGRAM

The **Teacher Fellows Program** provides professional development opportunities for teachers year round. It establishes connections between K-12 science educators and life science industry professionals to equip educators with firsthand knowledge of what is happening in the rapidly changing world of life science. Educators attend an industry conference and company tours to experience today's biotech and medical device research on the job. The program's goal is to bring these experiences back to the classrooms and excite students about STEM careers in lifescience. Application review begins in the spring and Fellows are announced in May.

www.biocom.org/s/TeachersFellowsProgram