

Youth Science and Technology Leadership Camp YSTLC 2017

August 6 – 12, 2017, Hyatt Regency Crystal City, Arlington, VA

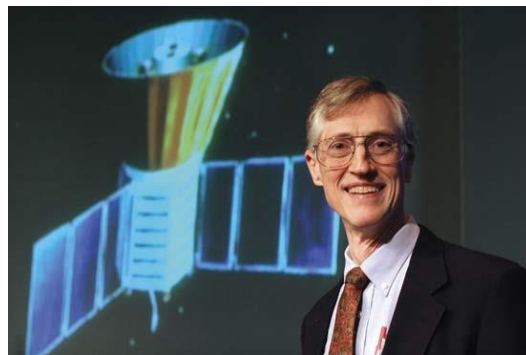
The 2nd Youth Science and Technology Leadership Camp(YSTLC) will be held from August 6 through 12, 2017 in Washington DC area.

The highlights of the YSTLC2017 program include (1) **Meeting with 2006 Nobel Laureate, Dr. John Mather** (2) **Project at NASA Goddard Space Flight Center** (3) **NIH and hospital lab program** (3) **Johns Hopkins University Bioengineering lab visit** (4) **UMD Physics and Aerospace lab tour and Video Conversation with real Astronauts** (5) **US-Korea Conference Science and Engineering Symposium and Forum** (6) **Networking with renowned Scientists and Engineers**

- Target # students for YSTLC2017: 20 Students
- Grades: 8th – 12th Junior high and high school students
- Tuition*: Non-KSEA members: \$3,000
Family of KSEA members: \$2,800
*Tuition covers lodging at Hyatt Regency Crystal City, DC, meals, camp programs, tour, etc. (airfare not included)
- Deadline: May 30, 2017 or until 20 students are filled
\$300 deposit must be paid at the time of registration
- Selection: First 20 registered students who submitted essay
- Application: <http://ystlc.ksea.org>
- Questions? hq@ksea.org, 703-748-1221



2011 Nobel Laureate, Dr. Bruce Beutler with YSTLC 2016 participants



2006 Nobel Laureate, Dr. John Mather will meet YSTLC 2017 participants

KSEA YSTLC 2017 Program Schedule
August 6 ~ 12, 2017, Hyatt Regency Crystal City

Date	Time	Program
8.6 Sunday	2:00 pm-5:00 pm	Welcome by the KSEA President, Registration, Orientation, and Self Introduction with YSTLC organizers, Introduction about the NASA Science Team Project Assignment
	5:30 pm-6:00 pm	Dinner with KSEA Officers and YSTLC organizers
	7:00 pm-9:30 pm	Washington DC night tour
Public Health and Disease Day		
8.7 Monday	9:00 am-10:00 pm	Arrival at NIH, entrance procedure
	10:00 am-12:00 pm	NIH Tour -General introduction, visiting Labs and Library, Lunch
	1:00 pm-2:15 pm	NIH Visiting Center, Nobel Laureate Exhibit Hall, Human Genome Project, Clinical center, Library
	2:30 pm-5:30 pm	Walter Reed Hospital/USUHS, animal facility houses, dummies labs, rehabilitation research center
	6:30 pm-8:00 pm	Dinner and networking with scientists and engineers
	8:00 pm – 10:00 pm	Overview lecture for NIH/Walter Reed/ USUHS tour, students’ daily report and wrap up
Brain Science and Bio-Medical Engineering Day		
8.8 Tuesday	9:00 am-12:00 pm	Johns Hopkins University, Homewood Campus, Dept. of Biomedical Engineering, and Physics Lab
	12:30 am-2:30 pm	Lunch with JHU YG Leaders, George Peabody Library
	3:00 pm-5:00 pm	Visiting Johns Hopkins University, Medical Campus labs
	7:00 pm-8:30 pm	Dinner and networking with JHU medicine mentors
	9:00 pm-10:00 pm	Evening Session – Lecture: “Human Disease & Future Medicine”, Daily report and wrap up
Aerospace Day		
8.9 Wednesday	9:00 am-11:00 am	University of Maryland, Physics Lab, Cosmo Ray lab, Aerospace lab, video meeting with astronauts
	11:30pm-12:30 pm	Arrival at NASA, entrance procedure, Lunch
	1:00 pm-4:00 pm	NASA Goddard Space Flight Center lab, Implement Rover Mission Project
	5:30 pm	Perform Science Musical at the UKC 2017 VIP reception
	7:30 pm-1:00 pm	Assessment for the NASA Science project, Evening session with group leaders for each discipline
UKC 2017 with Nobel Laureate		
8.10 Thursday	8:00 am-9:30 am	Breakfast and networking with academic/industry leaders
	10:00 am-1:00 pm	Attend UKC 2017 Plenary Session and opening lunch banquet
	1:15 pm-3:00 pm	Meeting with the Nobel Prize Winner, Public forum with the Nobel Prize Winner
	3:00 pm-6:00 pm	Attending sessions/forum, Follow up discussions with leaders
	6:00 pm-8:00 pm	Dinner and Networking with YG Leaders
	8:00 pm-10:00 pm	Day wrap up meeting and students’ daily report for what they learned
UKC 2017 Conference Program		
8.11 Friday	8:00 am-9:30 am	Breakfast and Networking with KSEA former presidents
	10:00 am-12:00 pm	Attending Plenary Session, Lecture from globally renowned Scientist
	12:00 pm-1:30 pm	Lunch - Scientific discipline orientation and networking with attendees
	1:30 pm-4:30 pm	Attending afternoon symposiums/forums with group leaders followed by discussion
	5:30 pm-9:00 pm	Dinner and D.C. Potomac Ship river tour
	10:00 pm	Day wrap up meeting and students’ daily report for what they learned
Closing YSTLC 2017		
8.12 Saturday	8:00 am	Working breakfast for the final activity presentation
	10:00am-12:00 pm	Closing plenary session, Presenting certificate for completion of YSTLC, Photo session
	12:00 pm -	Lunch and Departure