

National Student Leadership Conference

ENGINEERING

JULY 26, 2018 – AUGUST 3, 2018

Thursday, July 26th, 2018

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|--------------------------|--|
| 10:00am – 4:00pm | Registration |
| 11:30am & 2:00pm | Campus Tours |
| 12:30pm – 2:30pm | Welcome Lunch |
| 5:00pm – 6:15pm | Dinner <i>*Unless noted otherwise, all meals take place in Crossroads Cafeteria</i> |
| 6:30pm | Meet TA Group |
| 6:45pm – 8:00pm | NSLC Opening Ceremony |
| 8:15pm – 9:45pm | TA Group Orientation |
| 10:15pm – 10:35pm | NSLC RA Meeting |
| 10:45pm | RA Check-In |

Friday, July 27th, 2018

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| 7:30am – 8:45am | Breakfast |
| 9:00am – 10:15am | Introduction to the Engineering Program and Concept Generation |
| 10:30am – 11:30am | Project Development |
| 11:45am | Board Buses <i>*Lunch on bus</i> |
| 1:00pm – 5:00pm | Challenge Course |
| 5:15pm | Board Buses |
| 6:30pm – 7:30pm | Dinner |
| 7:45pm – 8:45pm | Project Development |
| 9:00pm – 10:00pm | Ice Cream Social |
| 10:15pm | RA Check-In |



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Saturday, July 28th, 2018

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| 7:30am – 8:45am | Breakfast |
| 9:00am – 10:30am | Leadership Series Creating Your Vision Facilitator: Mr. Mike Walsh |
| 10:45am – 11:45am | Introduction to Product Pitch & Ideation |
| 12:00pm – 1:00pm | Lunch |
| 1:15pm – 2:15pm | Engineering Rotation 1 |
| 2:30pm – 3:30pm | Engineering Rotation 2 |
| 3:45pm – 4:45pm | Project Development |
| 5:00pm – 6:00pm | Dinner |
| 6:15pm – 7:15pm | Engineering Rotation 3 |
| 7:30pm – 8:30pm | Engineering Rotation 4 |
| 8:45pm – 10:00pm | Minute to Win It |
| 10:15pm | RA Check-In |

Sunday, July 29th, 2018

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|--------------------------|---|
| 7:30am – 8:45am | Breakfast |
| 9:00am – 10:30am | Leadership Series Personality Matrix Facilitator: Mr. Mike Walsh |
| 10:45am – 12:45pm | Project Development |
| 1:00pm – 2:00pm | Lunch |
| 2:15pm – 3:15pm | Speaker Series Speaker: Mr. Terry Johnson UC Berkeley |
| 3:30pm – 3:45pm | Introduction to Trebuchets |
| 3:50pm – 5:40pm | Engineering Challenge Trebuchets |
| 5:45pm – 6:00pm | Final Trebuchet Testing |
| 6:15pm – 7:15pm | Dinner |
| 7:30pm – 8:30pm | Leadership Series Communication, Dialogue & Discussion Facilitator: Mr. Mike Walsh |
| 9:00pm – 10:00pm | Casino Night |
| 10:15pm | RA Check-In |



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Monday, July 30th, 2018

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| 7:15am | Buses Depart for Levi's Stadium <i>*Breakfast on Bus</i> |
| 9:30am – 12:30pm | Facility Visit: Levi's Stadium |
| 1:00pm | Buses depart for Fisherman's Wharf |
| 2:15pm – 4:45pm | Field Trip: Fisherman's Wharf |
| 5:00pm | Buses Depart for UCB |
| 6:15pm – 7:15pm | Dinner |
| 7:30pm – 8:30pm | Project Development |
| 8:45pm – 10:15pm | Leadership Series The Psychology of Group Dynamics Facilitator: Mr. Mike Walsh |
| 10:30pm | RA Check-In |

Tuesday, July 31st, 2018

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|--------------------------|--|
| 7:30am – 8:45am | Breakfast |
| 9:00am | Walk to UCB College of Engineering |
| 9:30am – 11:00am | UC Berkeley College of Engineering Visit |
| 11:30am – 12:30pm | Speaker Series Speaker: Mr. Bill Nott Lockheed Martin |
| 12:45pm – 1:45pm | Lunch |
| 2:00pm – 5:15pm | Project Development |
| 5:30pm – 7:00pm | Dinner & Free Time |
| 7:15pm – 8:15pm | Project Development |
| 8:30pm – 10:00pm | Trivia Night |
| 10:15pm | RA Check-In |



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Wednesday, August 1st, 2018

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| 7:00am – 8:45am | Breakfast |
| 9:00am | Buses depart for Autodesk |
| Group A | Group B |
| 10:00am – 11:00am Facility Visit: Autodesk Gallery | 10:00am – 10:45am Dyadic Encounter |
| 11:15am – 12:00pm Dyadic Encounter | 11:00am – 12:00pm Facility Visit: Autodesk Gallery |
| 12:15pm | Board Buses to Pier 39 |
| 12:30pm – 2:30pm | Field Trip: Pier 39 <i>*Lunch on your own</i> |
| 2:45pm | Board Buses to UCB |
| 4:15pm – 5:30pm | Project Development |
| 5:45pm – 6:45pm | Dinner |
| 7:00pm – 10:15pm | Final Competitions Sea Perch and RC Car Testing Competition Debrief |
| 10:30pm | RA Check-In |

Thursday, August 2nd, 2018

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|--------------------------|--|
| 7:30am – 8:45am | Breakfast |
| 9:00am – 9:30am | TA Check-In |
| 9:45am – 10:30am | Engineering Ethics |
| 10:45am – 12:00pm | Leadership Series What I've Discovered Facilitator: Mr. Mike Walsh |
| 12:15pm – 1:15pm | Lunch |
| 1:30pm – 2:30pm | Networking and College Panel |
| 2:45pm – 3:45pm | Final Project Development |
| 4:00pm – 5:30pm | Final Product Pitch Presentations |
| 5:45pm – 7:30pm | Dinner & Packing |
| 7:45pm – 8:45pm | Final TA Meeting |
| 9:00pm – 10:00pm | Final Social |
| 10:15pm | RA Check-In |



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Friday, August 3rd, 2018

7:00am – 7:30am **Closing Ceremony**

7:45am – 9:00am **Breakfast**

8:00am – 12:00pm **Check Out**



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Guest Speakers

Mr. Terry Johnson – Terry D. Johnson has a master's degree in chemical engineering from MIT and is currently an Associate Teaching Professor of bioengineering at UC Berkeley. He hopes that by doing so, he will be giving students the tools that they will need to repair him as he gets older. He teaches courses in a wide range of subjects, displaying a versatility that has prevented him from achieving any actual expertise. In 2010 he received the Golden Apple Award for Outstanding Teaching, and was one of the recipients of Berkeley's 2013 Distinguished Teaching Awards. He is also co-author of the popular science book *How to Defeat Your Own Clone* (and other tips for surviving the biotech revolution) and is represented by the Linda Chester Literary Agency. Terry is available as Science and Entertainment Exchange creative consultant, and is someone who will probably say yes if you'd like him to talk to people about science and engineering.

Mr. Bill Nott – Bill is a mechanical engineer retired from Lockheed Martin in 2007. He worked on many space programs including the International Space Station. Since 1994, he has worked on K-12 programs supporting STEM education with many organizations including ASME, FIRST, Engineers Without Borders-USA, the STEM Education Coalition and the EAST Initiative. He served on the Steering Committee for the NAEP Technology and Engineering Literacy Framework and as a Stakeholder Review for the Next Generation Science Standards. He also helps on projects through Rotary and the Appropriate Technology Design Team at San Francisco Professional Chapter of Engineers Without Borders.