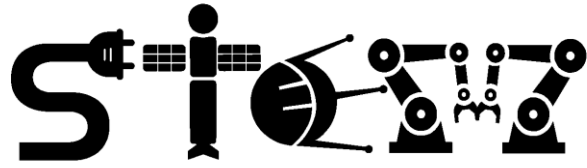


growing roots in stem



2017

Growing Roots in STEM Engineering Challenge Camp

June 25-30, 2017

Cosponsored by the West Virginia University
Benjamin M. Statler College of Engineering & Mineral Resources and EQT
and sponsored in part by
Halliburton, Eaton, and the Service League of Morgantown

Sunday, June 25, 2017

Time	Activity	Place	Led By
6:30 p.m.	Drop Off/Check In	Bennett Tower	Cate Schlobohm
7:30 p.m.	Welcome/Rules/Icebreaker	Tower's Basketball Court	Evening Counselors
8:00 p.m.	Ice Cream Social and Free Time in Dorm	Bennett Tower Commons Area	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Monday, July 26, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Icebreaker Design Process and Types of Engineering Discussion	Courtyard/205 MRB	Day Time Counselors
11:00 a.m.	Lunch Speaker (Topic: Cybersecurity and Scientists working to set policy)	G84 ESB	Lara Schmidt, Director, Strategy, Policy and Operation Program, Homeland Security Operational Analysis Center
12:00 p.m.	Human Tank- Problem Solving Activity	205 MRB	Day Time Counselors
1:00 p.m.	Intro to Spheros and Golf Course Design	109 MRB	Day Time Counselors
1:30 p.m.	Begin Course Design	ESB Atrium	Day Time Counselors
3:00 p.m.	Sphero Programming	ESB Atrium	Day Time Counselors
4:30 p.m.	Course Testing	ESB Atrium	Day Time Counselors
5:00 p.m.	Dinner	Towers Cafeteria	Evening Counselors
6:00 p.m.	WVU Adventure Team Building	Towers Common Area/ Blue and Gold Room	WVU Adventure Staff
9:00 p.m.	Free Time in Dorm	Bennett Tower	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Tuesday, July 27, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	Day Time Counselors
9:00 a.m.	Media Innovation Center (360 Degree Videos, Virtual/Augmented Reality, Wearable Technology)	Media Innovation Center	WVU Reed College of Media Staff
12:00 p.m.	Lunch Speaker: Anatomy of a Leader	G84 ESB	Maria Mancini, Director, Leadership and Organization Development

1:00 p.m.	Biomedical Activity- Physiological Response Measurement	B27 ESB	Biomedical Engineering Students
2:00 p.m.	Tour Mylan Puskar Facilities	Mylan Puskar Stadium	Athletic Staff
3:30 p.m.	Football Stadium Construction Tour	Mylan Puskar Stadium	Jeff Peters, Project Manager Hunt Construction Group
5:00 p.m.	Dinner at Towers	Towers	Evening Counselors
6:00 p.m.	Rec Center with Zorbs and Bubble Soccer	WVU Student Rec Center	Evening Counselors
9:00 p.m.	Free Time in Dorm	Bennett Tower	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Wednesday, June 28, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Leadership Development Activity/Engineering Teams Discussion	209 MRB	Day Time Counselors
10:00 a.m.	Rig Floor Simulator	PNGE Simulator Lab	Dr. Ilkin Bilgesu, Petroleum and Natural Gas Engineering Faculty Member
11:00 a.m.	Flow Lab Activity	PNGE Flow Lab	Dr. Ilkin Bilgesu, Petroleum and Natural Gas Engineering Faculty Member
12:00 p.m.	Lunch Speaker: "What it's like to not fit in/be the youngest team member"	G84 ESB	Samantha Larrick; Petroleum and Natural Gas Engineer
1:00 p.m.	Industry Tour: Leidos	Suncrest Town Center	Leidos Staff
3:30 p.m.	Vehicle Checklist Activity/EcoCAR3 Discussion	G15 ESB	EcoCAR Team
5:00 p.m.	Dinner at Towers	Towers Cafeteria	Evening Counselors
6:00 p.m.	Bowling and Billiards	Mountainlair	Evening Counselors
8:30 p.m.	Ice cream	Dairy Queen	Evening Counselors
9:30 p.m.	Free Time in Dorm	Bennett Tower	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Thursday, June 29, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Health Sciences Tour	Health Sciences Center	Jayne Daly
11:00 a.m.	Artificial Joint Activity	109 MRB	Dr. Robin Hissam, Biomedical Engineering Faculty Member
12:00 p.m.	Lunch	G84 ESB	Day Time Counselor
12:30 p.m.	Travel to Fairmont		Day Time Counselors
1:00 p.m.	NASA IV&V Tour and Engineer Panel	NASA IV & V	NASA
3:00 p.m.	Travel back to Morgantown		Day Time Counselors
4:00 p.m.	Clean Water Discussion and Activity	G35 ESB	Engineers Without Borders Members

5:00 p.m.	Dinner at Towers	Towers Cafeteria	Evening Counselors
6:00 p.m.	Canvas Painting	Wow! Factory	Wow Factory Staff
8:00 p.m.	Movie Night	Towers Classroom	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Friday, June 30, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	WVU Farms Tour	WVU Farms	Davis College Faculty
12:00 p.m.	Lunch Speaker	G84 ESB	Sharon Long, Senior Project Manager, Microsoft
1:00 p.m.	Prepare posters for final presentation	209 MRB	Daytime Counselors
2:30 p.m.	Poster Presentations	G102 ESB	Daytime Counselors
3:30 p.m.	End of Camp/Pick Up	G102/Bennett Tower	Daytime Counselors

