



Engineering in Healthcare Engineering Challenge Camp

July 15-20, 2018

Cosponsored by:



Sunday, July 15, 2018

Time	Activity	Place	Led By
4:30 p.m.	Drop Off/Check In	Bennett Tower	Cate Schlobohm
5:30 p.m.	Welcome/Rules/Icebreaker	Tower's Basketball Court	Evening Counselors
7:00 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 16, 2018

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Icebreaker/Design Process and Types of Engineering Discussion	205 MRB	Cate Schlobohm, Camp Coordinator
11:00 a.m.	Physiology Project - Design	G78A/B	Alex Anderson, Biomedical Engineering Alumna
12:00 p.m.	Lunch Speaker	120 AERB	Dr. Victoria Sanchez, Director of the Pre-Health Professional Development Center
1:00 p.m.	Travel to Health Sciences Center		Day Time Counselors
1:30 p.m.	STEPS Lab*	Health Sciences Center	STEPS Staff, Daniel Summers
2:30 p.m.	Travel back to Engineering		Day Time Counselors
3:00 p.m.	Icebreaker/Prep for next activity	Courtyard	Day Time Counselors
3:15 p.m.	Introduction to Biomedical Design Project	G78A/B	Dr. Robin Hissam, CBE Faculty Member
4:30 p.m.	Leave for Adventure Course*		Evening Counselors
5:00 p.m.	Adventure Course	WVU Forest	Adventure WV Staff
8:30 p.m.	Travel to Dorms		Evening Counselors
9:00 p.m.	Free Time in Dorm	Bennett Tower	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Tuesday, July 17, 2018

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	Day Time Counselors
8:45 a.m.	Physiology Project - Experiment	G3 ESB/G78A	CBE Faculty
10:30 a.m.	Tissue Engineering – Introduction and Design	205 MRB	Dr. Maggie Bennewitz,
12:00 p.m.	Lunch Speaker	120 AERB	Emily Brezler; Biomedical Alumna, Mylan Pharmaceuticals
1:00 p.m.	Biomedical Design Project – Final Prototype Design	G78A/B	CBE Faculty
2:00 p.m.	Intro to Patient Empathy Project	205 MRB	Daytime Counselors
3:00 p.m.	NFL Helmet Design Challenge	205 MRB	Daytime Counselors
5:00 p.m.	Dinner at Dorms	Towers Cafeteria	Evening Counselors
6:00 p.m.	Bowling and Billiards	WVU Mountainlair	Evening Counselors
8:30 p.m.	Ice cream at Coldstone	Coldstone Creamery	Evening Counselors
9:30 p.m.	Free Time in Dorm	Bennett Tower	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Wednesday, July 18, 2018

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Microscopy Facility	Health Sciences (Meet at Pylons)	Dr. Karen Martin
10:30 a.m.	Travel back to Engineering		Day Time Counselors
10:45 a.m.	Soft Tissue Engineering --Integration	G78A/B	Dr. Robin Hissam/Alex Anderson
12:00 p.m.	Lunch	G39 Hallway/Atrium	Day Time Counselors
1:00 p.m.	Image Analysis Project	G3 ESB	Dr. Robin Hissam
2:00 p.m.	Biomedical Design	G78A/B	Day Time Counselors
3:30 p.m.	Empathy Project	G3 ESB	Day Time Counselors
5:00 p.m.	Dinner at Dorms	Towers Cafeteria	Evening Counselors
6:30 p.m.	Escape Room	Xscape	Xscape Staff
8:00 p.m.	Movie Night / Free time in Dorm	G5 Bennett Tower	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	

Thursday, July 19, 2018

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Artificial Wrist and Hand Build	205 MRB	Day Time Counselors
11:00 a.m.	Biomaterials-Alginates	G35 ESB	Day Time Counselors
12:00 p.m.	Lunch Speaker	120 AERB	Dr. Hazard-Jenkins; Associate Professor; Associate Chair of Surgery, Cancer Services
1:00 p.m.	Intersection of Biology and Nanomaterials	B3/B76 ESB	Dr. Cerasela Dinu, Biomedical Engineering
3:00 p.m.	Biomedical Design	G78A/B	Dr. Robin Hissam/Alex Anderson
4:00 p.m.	Empathy Project	205 MRB	Alex Anderson
5:00 p.m.	Dinner at Dorms	Towers Cafeteria	Evening Counselors
6:00 p.m.	Campus Rec Center	Rec Center	Evening Counselors
9:00 p.m.	Free time in Dorm	Bennett Tower	Evening Counselors
11:00 p.m.	Lights Out	Bennett Tower	Evening Counselors

Friday, July 20, 2018

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Empathy Project	205 MRB	Alex Anderson
10:00 a.m.	Biosensor App Development	G78A/B	Day Time Counselors
12:00 p.m.	Lunch Speaker	120 AERB	Brandy, Brown, Assistant Professor, Human Performance- Occupational Therapy
1:00 p.m.	Biomedical Design/Presentation Prep	G78A/B	Daytime Counselors
3:00 p.m.	Final Presentations	G102 ESB	Daytime Counselors
4:00 p.m.	End of Camp/Pick Up	G102 ESB/Bennett Tower	

Sponsored in part by:


