

Molecules to Medicine – *Example Summer Camp Schedule

Students will progress from understanding biological molecules and cellular organization to measuring biological function and designing medical interventions that improve human health

1	2	3	4	5	6	7
Sun, Jul 19	Mon, Jul 20	Tue, Jul 21	Wed, July 22	Thu, July 23	Fri, Jul 24	Sat, Jul 25
<p>Arrival</p> <p>1:00 pm- 3:00 pm</p> <p>Welcome/ Orientation</p> <p>4:00 pm</p>	<p>RNA, DNA, & Proteins</p> <p>Morning:</p> <ul style="list-style-type: none"> • Training • Intro Lecture <p>Afternoon:</p> <ul style="list-style-type: none"> • RNA lab • Protein shape lab <p>Evening:</p> <ul style="list-style-type: none"> • Social time • Bowling 	<p>Cells, Organelles & Biological Function</p> <p>Morning:</p> <ul style="list-style-type: none"> • Sensory Lecture <p>Afternoon:</p> <ul style="list-style-type: none"> • Microscopy lab • Vision lab <p>Evening:</p> <ul style="list-style-type: none"> • Social time • Mini Golf 	<p>Energy, Metabolism & Disease</p> <p>Morning:</p> <ul style="list-style-type: none"> • Calorie Lecture <p>Afternoon:</p> <ul style="list-style-type: none"> • Fit and Flavorful Activity • Case study workshop <p>Evening:</p> <ul style="list-style-type: none"> • Tie dye • WV Botanic Garden 	<p>From Dysfunction to Intervention</p> <p>Morning:</p> <ul style="list-style-type: none"> • Drug target lecture <p>Afternoon:</p> <ul style="list-style-type: none"> • Protein-ligand matching activity • Admissions presentation • Bioprinting lab <p>Evening:</p> <ul style="list-style-type: none"> • Social time • Movie screening 	<p>Monitoring Health & Diagnostics</p> <p>Morning:</p> <ul style="list-style-type: none"> • Blood/ Biomarker lecture <p>Afternoon:</p> <ul style="list-style-type: none"> • Diagnostic Tests <p>Evening:</p> <ul style="list-style-type: none"> • Trivia • XSCAPE! Room 	<p>Departure</p> <p>10:00 am- 12:00 pm</p>
	<p>• Careers in Medicine & Science Session 1</p>		<p>• Careers in Medicine & Science Session 2</p>			

*Please note - This is an *example* schedule and actual programming is subject to change