

Summer Scholar Program Schedule of Activities

EVERY DAY STARTS WITH A GROUP MEETING IN 2nd FLOOR LOUNGE

CHECK SCHEDULE DAILY!

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Week of 7/5		<p>6 10:00 Opening Day- Welcomen & Orientation</p> <p>10:30 How Small is Small? Into to Nanotech Prof. Perena Gouma 12-12:30 LUNCH 12:30-2:00 SEM, AFM, Confocal Demos- James Quinn, Nadine Pernodet, Madeline Ho 2-3:00 Keeping a lab notebook, Presentation of lab notebooks, boxes, supplies Dr. Occhiogrosso 3-3:30 Web of Science, Pub med Mitchel Fourman, Eric Peterson</p>	<p>7 10:00 Daily meeting</p> <p>10:15 Vacuum technology Prof. Jonathan Sokolov 11:00 Lab Safety and chemical handling Robert Hoshausen EH&S 12:00 LUNCH 12:30 Disposal of Chemicals, Lab Tour Lourdes Collazo 1:30-2:30 Test-Vacuum, chemicals, disposal, lab safety 1:00-3:00 Group demo of rapid prototype J. Quinn 2:00-3:00 Polymer Dynamics Prof. Dilip Gersappe 3:00-4:00 Journal Club Prep</p>	<p>8 10:00 Daily meeting</p> <p>10:15 Protecting intellectual property Donna Tumminelo Starting a high tech business David Abecassus 11:30-12:30 Experiment 1: Coherence of Light Prof. Henry White 12:30-1:30 Lunch 1:30-2:30 Spinning thin films, viscosity, rheology Prof. Steven Schwarz 2:30-4:00 Excel tutorial Michael Snow, Dr. Occhiogrosso</p>	<p>9 10:00 1st General Group Meeting- summary of weeks activities</p> <p>Marie Gentile Siemens Foundation: <i>Speaking to the Media</i> Mr. Herbert Carter: Siemens Foundation: <i>The Siemens Westinghouse Competition</i> Catered Luncheon Lenny Slutsky, Madelyn Ho: Participating in the Siemens Competition Ezra Katz, Eric Mansfield: Being in the Semi-finals A Scaffold for wound healing</p>
Week of 7/12	<p>12 10:00 Daily meeting</p> <p>10:30 Cell Biology Dr. Nadine Pernodet 11:30 Cell Culture Techniques Lourdes Collazo, Room 143</p> <p>12:30-1:30 Lunch</p> <p>1:30 Silicon Wafer cleaning & spinning Tutorial Prof. M. Rafailovich</p> <p>1:30-3:30 Cleaning Si Wafers (Song Li, Harry Xavier, E Guan, Chunghua Li, John Jerome)</p>	<p>13 10:00 Daily meeting</p> <p>10:30 Dr. Eli Hatchwell, Cold spring Harbor "Understanding the Human Genome" 12:00 Lunch 1:00 Spin Casting Films- a method of recycling polymers (Song Li, Harry Xavier, E Guan, Chunghua Li, John Jerome)</p> 	<p>14 10:00 Daily meeting</p> <p>10: 30 Dr. Lance Haworth Director, MRSEC programs "What is the NSF? "</p> <p>11:30-12:30 Statistics I Prof. Miriam Rafailovich 12:30-1:30 Lunch 1:30-4:00 Spin Casting cont. (Harry Xavier, E Guan, Chunghua Li, John Jerome)</p>	<p>15 10:00 Daily Meeting</p> <p>10:30 Dr. Joseph Indusi, "Technology in homeland security" Brookhaven National Laboratory 11:30 Prof. Miriam Rafailovich "Statistics II-Propagation of Errors" 12:30-1:30 Lunch 1:30-4:00 Spin Casting cont. (Harry Xavier, E Guan, Chunghua Li, John Jerome)</p> 	<p>16 10:00 2nd General Group Meeting</p> <p>10:30 Dr. Elaine DiMassi, "Biomimneralization of Marine Life" Brookhaven National Laboratory 11:30 Ms. Katherine Silkin "The Science Talent Competition," Intel Foundation 12:30-2:00 Catered Luncheon and student presentations Chelsea Gordon and Sylvia Qu: ISEF and Polymer Brushes Sara Sokolov: Homeland Security and Facial ID Mitchell Fourman: Supercritical Fluid Processing: Theory Steven Lubin: Blending in Supercritical Fluids</p>
Week of 7/19	<p>19 10:00 Daily Meeting</p> <p>10:30 Prof. Shivakumar Extrusion of Nanocomposite Materials 11:30 Journal Club I 12: 30-1:30 Lunch 1:30 Discussion of projects and meeting with Mentors</p> <p>START PROJECTS</p> 	<p>20 10:00 Daily Meeting</p> <p>10:30 Prof. Jonathan Sokolov Discussion of Projects 11:30 Journal Club II 12:00 Lunch 1:00 Meet with Mentors</p> <p>START PROJECTS</p>	<p>21 10:00 Daily Meeting</p> <p>County Forensic Laboratory Box Lunch Chill at Sports Plus</p> 	<p>22 10:00 Daily Meeting</p> <p>10:30 Professor Cindy Lee, "Bioengineering Under the Sea," School of Marine Sciences 11:00 Prof. Rafailovich "Statistics III-Plotting and Homework assignment" 12:00-12:30 Journal Club 12:30-1:30- Lunch</p> <p>1:30 Work on Projects</p>	<p>23 10:00 3rd General Group Meeting</p> <p>10:30-11:00 Group Presentations: Flame Retardant Groups, Protein Absorption Groups</p> <p>12:30-1:30 Lunch 1:30 Work on Projects</p> 
Week of 7/26	<p>26 10:00 Daily Meeting</p> <p>10:30 Prof. Ed Weill, Brooklyn Polytech <i>Flame Retardant Polymer Composites</i> 11:30 Journal Club III 12:30-1:30 Lunch 1:30 Discussion of projects and meeting with mentors</p> <p>Continue PROJECTS</p>	<p>27 10:00 Daily Meeting</p> <p>10:30 Heinz-Eberhardt Mahnke, HMI Berlin "<i>EXAFS from Semiconductor nanocrystals</i>"</p> <p>11:30 Work on Projects 12:30-1:30 Lunch</p> 	<p>28 10:00 Daily Meeting</p> <p>10:30 Independent Work on Projects</p>	<p>29 10:00 CANOE TRIP AND PICNIC ON THE NISSEQUOGUE</p> 	<p>30 4th General Group Meeting</p> <p>10:-11:30 Group Presentations, crystalline thin films, wound healing</p> <p>12:30-1:30 Lunch</p> <p>1:30 WORK ON PROJECTS</p>

<p>Week of 8/02</p>	<p>2 10:00 Daily Meeting 10:30 Tour of Machine Shop Work on Projects</p> 	<p>3 10:00 Daily Meeting Work on Projects</p> 	<p>4 10:00 Daily Meeting Work on Projects Rough Draft of Abstracts Due!!</p> 	<p>5 10:00 Daily Meeting Work on Projects</p> 	<p>6 5th General Group Meeting 10:30- 12:00 Group Presentations: DNA, supercritical thin films, Supercritical recycling, Langmuir Blodgett Films group OUTDOOR Bar B-Q</p> 
<p>Week of 8/9</p>	<p>9 10:00 Daily Meeting 10:00: Mrs. Melanie Krieger POB: Preparing for ISEF/LISEF Work on Projects Think Films v. Bulk Softball Game @ 5:00</p> 	<p>10 10:00 Daily Meeting Work on Projects Abstracts Due!!</p>	<p>11 10:00 Daily Meeting 10:15 Ice Cream Party for Lenny and John's Birthday Work on Projects Abstracts Due!!</p> 	<p>12 10:00 Daily Meeting 10:00: Talk from Nanoparticles Group Work on Projects 5:00 Going Away Party for Brandy (REU)</p> 	<p>13 6th General Group Meeting Check out of Dorms Talks from Confined Films group, and Facial Recognition Group</p>
<p>Week of 8/16</p>	<p>16 10:00 End of Summer Research Symposium- Student Activities Center Auditorium Catered Luncheon following student presentations</p>				

