

**EE/CpE 423-424  
WEEKLY STATUS REPORT**

<b>Group #</b>	<b>7</b>	<b>Week ending: (Saturday)</b>	<b>11/5/05</b>		<b>Report #</b>	
<b>Project Title:</b>	<b>MicroSpy Biochip</b>					
<b>Group Leader:</b>	<b>Ishtiaq Saaem</b>	<b>Advisor:</b>	<b>Hong Man</b>			
<b>Sponsor/Client:</b>	<b>Microstructure Research Group / CAG</b>					
<b>Total number of person-hours spent on project by group during past week:</b>					<b>42</b>	
<b>Is project on schedule?</b>		<b>Yes</b>	<b>[ x ]</b>		<b>No</b>	<b>[ ]</b>

<b>Weekly status:</b>
<p>Updated Website and began process of uploading it to the senior design domain.  Met with Helen from materials lab for more information on soft lithography.  Began second stage of chip development by etching on silicon  Correspondence with Mr. Alan Ponder regarding the Atomic force microscope continued, more information is now known about the device.</p> <p>Continued experimentation with multiple approaches of Staph-A detection: Binding of bacterial cell to underlying hydrogel technology via Anti-Protein A IgG or by Fab' modulated antigen binding regions. Attempted third trial of creating hydrogels on PDMS and continued sensitivity of hydrogels</p>

**Weekly report is due to Senior Design Coordinator and TA by Noon Monday. Email submission is greatly preferred - submit using WebCT, email to sd@koala.ece.stevens-tech.edu or individual emails. Copy should be sent to advisor**