

# Near and Far-Field Interfaces to DNA-Guided Nanostructures from RF to Light wave: Exploiting the Spectrum

## Annual MURI Review Meeting Agenda

*Doubletree Hotel  
8727 Colesville Rd,  
Silver Spring, MD 20910  
April 3, 2015*

Time	Speaker	Presentation Title	MURI thrust area
9:00 am	Joe Qiu (ARO)	Welcome & Introduction	
9:05 am	Peter Burke (UCI)	Research Theme & Teaming Overview	
<b>DNA</b>			
9:15 am	Ned Seeman (NYU)	DNA Nanotechnology	DNA + Nano-optics + NPs (Test Bed 3)
10:00 am	M. Norton (Marshall)	Directed DNA Origami Assembly on Surfaces	DNA+ Si nanowires (Test Bed 1) & graphene (Test Bed 2)
10:45 am	Coffee break		
11:00 am	Ritesh Agarwal (Penn)	Light-Matter Coupling in Semiconductor Nanowires	Test bed 3: Nano-optics
11:45 am	Mark Reed (Yale)	Silicon Nanowire Electronics	Test bed 1: Silicon Nanoelectronics
12:30 pm	Lunch		
<b>INTEROGATING BIOLOGY</b>			
1:30 pm	Peter Burke (UCI)	Interacting with living systems through nanotechnology: Next steps	Ion channels + Graphene, Nanotubes, Si Nanowires, Nanooptics Test Beds 1,2,3
2:15 pm	M. Stroschio (UIC)	DNA-based Aptamer Sensors and Nanophotonics	DNA+graphene+aptamers (Test Bed 2&3)
3:00 pm	Elliott Brown (Wright)	High Resolution Sensing of DNA Nanostructures & Bioparticles in the THz Region	THz characterization + graphene (Test Bed 2)
3:45 pm	Coffee break		
<b>PROGRAM REVIEW</b>			
4:00 pm	Scientific Advisory Board	Advisory board executive session	
4:30pm	Joe Qiu (ARO)	Advisor board feedback	
5:00pm	Adjourn for the Day	Adjourn for the Day	