

# VCU Bioinformatics/Bioengineering Summer Institute

## Closing Symposium

Tuesday, August 5, 2008, Grace Harris Hall Room 4169

<b>Presenter</b>	<b>Time</b>	<b>Title</b>
	8:45	*** BREAKFAST-type food (Room 4155) ***
Greg Buck	9:00	Opening Remarks
Annica Stull-Lane	9:10	The complexity of bacterial vaginosis: Do <i>Gardnerella vaginalis</i> biofilms contribute to the growth of other anaerobes associated with bacterial vaginosis?
Ariel Jefferson	9:30	Dosimetry of double orbit cone beam computed tomography as applied to image-guided radiotherapy
Ash Byrnes	9:50	Characteristics of gelatin-based, cross-linked hydrogels for potential use in treating chronic wounds
	10:10	*** DISCUSSION and BREAK ***
Anne Franzene	10:25	Dendrimer encapsulated silver acetate in an electrospun wound dressing: A drug release kinetics study
Joe Alvin	10:45	Investigation of <i>Thermobifida fusca</i> as a novel biofuel agent
Smitha Neerukonda	11:05	Antibiotic resistance of <i>Staphylococcus aureus</i> biofilms
Mike Waters	11:25	DNA microarrays to determine the effect of histone deacetylase inhibitors on host response to adenoviral gene therapy vectors
	11:45	*** DISCUSSION ***
(All participants invited)	12:00	*** LUNCH and DISCUSSION ***
David Lohr (Keynote speaker)		Different lives: Academia vs industry
Rachel Beard	1:15	Silk, scaffolds, and stem cells
Natasha Williams	1:35	Elucidating host genes critical in plant-cyanobacterial N <sub>2</sub> -fixing symbioses
Erin Flanagan	1:55	Modeling malaria control for elementary school students
	2:15	*** DISCUSSION and BREAK ***
David Riccardi	2:30	Examining the effects of a <i>Cryptosporidium</i> protein on the gene expression of human epithelial cells
Richard Fuller	2:50	The Role of mitogen activated protein kinases in plant development: A gene expression analysis extending science into the classroom via DNA extraction
Billy Budd	3:10	The development of a comprehensive model of cardiac output
	3:30	*** DISCUSSION ***
	3:45	Closing Remarks
	4:00	*** VOLLEY BALL ***