

Second Annual BBS9 Symposium on Forward-Looking Biology

June 10, 2008, Life Sciences Annex Room 251, Virginia Commonwealth University

The symposium provides 1st-year participants in the Bioinformatics and Bioengineering Summer Institute an opportunity to run their best ideas by their colleagues prior to beginning their research projects. It also marks the end of Introductory Week and the start of getting the job done.

Program

1. Joe Alvin The metabolic modeling and evolutionary engineering of cellulase activity in *Thermobifida fusca*
2. Rachel Beard Electrospinning silk for ligament tissue engineering
3. Ash Byrnes Mimicking the extracellular matrix: using gelatin-based hydrogels with dendrimer drug delivery of silver to repair tissues damaged by chronic inflammation
4. Anne Franzene Hydrogel dressings for chronic wounds: The use of electrospun gelatin-dendrimer nanofibers for the controlled release of doxycycline and silver: drug release kinetics study
5. Ariel Jefferson Complete dose study of double orbit cone beam computed tomography
6. Smitha Neerukonda Contributions of the morphological characteristics of *Staphylococcus aureus* biofilms and the phenotypes of the individual bacteria to antibiotic resistance
7. David Riccardi Analysis of the transcriptional profile induced by a *Cryptosporidium hominis* apyrase
8. Annica Stull-Lane The complexity of bacterial vaginosis: Do *Gardnerella vaginosis* biofilms contribute to the growth of other aerobes associated with bacterial vaginosis?
9. Mike Waters The use of DNA microarrays to determine the effect of histone deacetylase inhibition on host response to adenovirus gene therapy vectors
10. Natasha Williams Identifying potential genes vital to the initiation and maintenance of symbiosis between *Gunnera manicata* and *Nostoc punctiforme*

Poster schedule on reverse

Poster Stations and Schedule

Station	Participant	Round												
		A	B	C	D	E	F	G	H	I	J	K	L	M
1	Joe Alvin	P	4	7	P	5	3	2	9	P	6	10	8	P
2	Rachel Beard	P	4	8	1	P	6	P	3	7	10	P	9	5
3	Ash Byrnes	P	6	9	10	5	P	7	P	1	8	2	P	4
4	Anne Franzene	1	P	9	P	8	6	7	5	P	10	2	3	P
5	Ariel Jefferson	2	P	9	4	P	6	10	P	1	8	7	3	P
6	Smitha Neerukonda	3	P	8	4	2	P	10	5	7	P	*	9	1
7	David Riccardi	1	5	P	10	2	9	P	3	P	6	P	8	4
8	Annica Stull-Lane	2	6	P	1	P	3	10	9	4	P	7	P	5
9	Mike Waters	3	5	P	10	8	P	2	P	4	6	7	P	1
10	Natasha Williams	1	6	7	P	2	9	P	3	4	P	P	8	5
	Kweku Biney	1	5	8	10	*	9	*	3	7	6	2	*	4
	Cecie Blair	3	5	7	4	*	9	2	*	1	10	*	8	*
	James Deemy	1	6	9	10	*	3	*	5	7	8	2	*	4
	Erin Flanagan	1	6	8	4	*	3	2	*	7	10	*	9	5
	Richard Fuller	2	4	9	1	*	6	10	3	*	8	7	*	5
	Tom Lopez	1	5	7	*	8	6	10	9	4	*	2	3	*
	Joe Moeller	2	4	7	1	*	9	*	5	*	6	10	3	*
	Justin Owen	2	6	9	4	8	*	7	*	1	*	10	3	5
	Rachel Stewart	3	4	8	*	2	6	*	5	*	10	7	9	1
	Andy Surface	2	5	7	1	8	*	10	9	4	6	*	3	*
	Cameron Thomas	3	5	8	*	2	*	7	9	4	6	10	*	1
	Katie Vollmer	3	6	8	*	5	*	7	*	1	10	2	9	4
	Andy Whittam	3	4	9	*	5	6	2	*	7	*	10	8	1
	Meredith Wouters	2	4	7	*	5	3	*	9	*	8	10	*	1

P Presenter
 1,2,... Station at which to view poster
 * Free time