

**Bioregenerative Life Support Roadmapping Workshop  
November 4-5, 2009, Raleigh, NC**

**AGENDA**

**November 4, 2009 (Chancellor Room)**

6:00 pm	Dinner	
7:00 pm	Welcome	Dr. Chris Brown, NC State University Dr. Terri Lomax, NC State University
	NASA Remarks	Dr. Jitendra Joshi, NASA Headquarters
	NASA ECLSS present capabilities and BLS challenges	Dr. Alan Drysdale, Consultant
	Bioregenerative Life Support Technology Status	Dr. Ray Wheeler, NASA KSC
8:30 pm	Workshop Logistics, Goals and Objectives	Cindy Martin-Brennan

Breakout into discipline groups:

- Crop production chamber design and operations; Sensing, simulation and control for crop production
- Crop environmental physiology; Genetic engineering and breeding of plants and microbes
- Biological approaches to water and waste processing
- Systems integration, closure and testing
- Nutrition, food processing and food storage systems

Breakout rooms (to be assigned):

University Ballroom A, University Ballroom B, University Ballroom C, Governor's Board Room, Congressional Room A

**November 5, 2009**

7:00 am	Breakfast buffet	University Ballroom pre-function area (take breakfast to assigned breakout room)
8:00 am	Discipline groups meet	Assigned rooms
12:00 pm	Lunch	Pick up boxed lunches outside University Ballroom and continue to meet in respective breakout rooms
1:45 pm	Break	University Ballroom pre-function area
2:00 pm	Discipline group preliminary findings presentation to overall group	University Ballroom