



**Undergraduate Environmental Research & Faculty Development Conference
Spelman College, April 24-25, 2004**

FINAL AGENDA (as of 4/24/04)

Saturday, April 24th

Continental Breakfast at hotel

8:30am — meet in hotel parking lot; caravan to Spelman

8:45am Introduction and Greetings

(Living and Learning Center II Auditorium)

Dean of Undergraduate Studies, Dr. Donna Akiba Harper

9:15-10:30am —Panel I: WATER, WASTE, & AIR

(Living and Learning Center II Auditorium)

10:45-12:00 noon —Poster Session

(Breakout Rooms A & B)

(Concurrent) **11:00-12:00 noon** —Panel II: CURRICULUM CONNECTIONS

(Living and Learning Center II Auditorium)

12:00-1:30pm — Lunch and Guest Speaker

(Living and Learning Center II Auditorium)

**Dr. Bob Bullard, Director, Environmental Justice Resource Center,
and Ware Distinguished Professor of Sociology,
Clark Atlanta University**

1:45-3:15pm —Panel III: RELIGION, POVERTY, & ECO-JUSTICE

(Living and Learning Center II Auditorium)

3:15-4:30pm —Poster Session

(Breakout Rooms A & B)

(Concurrent) **3:30-4:30pm** —Panel IV: ECO-PARTNERSHIPS

(Living and Learning Center II Auditorium)

4:30-6:00pm —Panel V: ENVIRONMENT-COMMUNITY CONNECTIONS

(Living and Learning Center II Auditorium)

6:00pm —Dinner

(Living and Learning Center II Auditorium)

FREE TIME AFTER DINNER

Sunday, April 25th

Continental Breakfast at hotel

8:30am—transport to Spelman

9:00 - 10:30am —Poster Session

(Breakout Rooms A & B)

(Concurrent) **9:15 - 10:30am** —Panel VI: NEW & EXISTING ENVIRO COURSES

(Living and Learning Center II Auditorium)

10:30 - 12noon —Panel VII: FISH, INSECTS, MICROBES, AND GREEN BUILDINGS

(Living and Learning Center II Auditorium)

12noon — Wrap-up, Evaluations

12:30pm —Lunch

(Living and Learning Center II Auditorium); head for the Airport or hotel to wait for flights



STUDENT PAPERS

Student and Faculty Mentor	Institution and academic field	Paper Title	Panel Title & Time
Brian Nickerson, Dr. David Martin	Davidson College Environmental Economics	"Modeling Carbon Dioxide Emissions: An Empirical Analysis of Past Hypotheses"	Panel I WATER, WASTE AND AIR Saturday, 9:15-10:30am Chair: Dr. Glenwood Ross, Morehouse College
Ché Smith & Iesha Brown, Dr. Nagambal Shah & Dr. Monica Stephens	Spelman College Mathematics	"Investigating Effects of Airplane Emission in Metropolitan Atlanta Before and After 9/11/01"	
Thomas Shields, Dr. Emily Northrop	Southwestern University Environmental Studies	"The Potential For Wastewater Reuse"	
Stephen Mitchum, Dr. Mona Ray & Dr. Lawrence Blumer	Morehouse College Interdisciplinary	"How can we lighten the load?"	
Kelly Sharp, Dr. Laura Hobgood-Oster	Southwestern University Religion/ Interdisciplinary	"Ecojustice and Religion in a Border Colonia"	Panel III RELIGION, POVERTY, and ECO-JUSTICE Saturday, 1:45-3:15pm Chair: Dr. J. Celeste Walley-Jean, Spelman College
Tiana Blount, Jamani Mwendu & Jenissa Sullivan-Peters, Dr. Fatemeh Shafiei	Spelman College Environmental Studies	"The Effect of Environmental Injustice on the Health of Minorities in the US"	
Ana Villalobos, Dr. Melissa Johnson	Southwestern University Anthropology and Environmental Studies	"Christian Missionary Groups in <i>Derechos Humanos</i> "	
Kimberly Hamilton, Dr. Megan Gibbons	Birmingham-Southern College Interdisciplinary/Enviro Studies	"Ecotourism in Latin America"	Panel V ENVIRONMENT – COMMUNITY CONNECTIONS Saturday, 4:30-6:00pm Chair: Dr. Fatemeh Shafiei, Spelman College
Sabrina Lea, Dr. Richard Reed	Trinity University Environmental Studies	"The Rise and Fall of the Sardine Capitol of the World"	
Erin Robbins, Dr. Peter Donahue	Birmingham Southern College Interdisciplinary/Enviro Studies	"By Any Other Name: Profiles of Three Alabama Naturalists"	
Molly Keaton, Dr. Dennis Haney	Furman University Biology	"Impact of Drought upon Fish Assemblage Structure in Two SC Streams"	Panel VII FISH, INSECTS, MICROBES, and GREEN BUILDINGS Sunday, 10:30 - 12noon Chair: Dr. Nagambal Shah, Spelman College
Lauren Everett, Dr. Sarah Armstrong	Millsaps College Environmental Studies	"Prey Reception and Hydromechanical Signaling of <i>Mesodinium pulex</i> "	
Jamie Lowdermilk, Christie Peeler, Meme Carter, & Johnny Shoaf, Dr. Robin Gottfried	Sewanee Environmental Studies	"Modeling the Spatial Aspects of the Southern Pine Beetle"	
Whitney White & Wade Reynolds, Dr. Ken Smith	Sewanee Environmental Studies	"Green Building at Sewanee"	

STUDENT POSTERS

(Posters to be left up; presenting students to be available at these times:
Saturday, 10:45am-12noon; 3:15-4:30pm; Sunday, 9-10:30am)

Student & Faculty Mentor	Institution	Poster Title	Disciplinary/Inter-disciplinary area
Stephanie Ruston, Dr. Jeffrey Schultz	Rollins College	"Identification of Soil Health and Water Quality"	Chemistry and Enviro Studies
Artie Ahr, Dr. Judy Schmalstig	Rollins College	"Examining the Subterranean Physiographic Parameters of the Central Florida Karst System"	Environmental Science
Darcy Derickson & Samantha Hammer, Dr. David Ribble	Trinity University	"A Study of the Distribution and Abundance of Mammals at the San Antonio Missions National Historical Park"	Environmental Monitoring
Stacy A. Pinckney, Dr. Lawrence Blumer & Dr. Mona Ray	Morehouse College	"An Urban Solar Energy Experiment"	Interdisciplinary
Kyndra Cottingham, Dr. Peter Chen	Spelman College	"Environmental Analysis Using GC/CARS"	Chemistry and Environmental Studies
Jill Jones, Dr. Janet Puhalla	Rollins College	"Attack on the Green Swamp"	Environmental Studies
Meredith Gibboney, Dr. Janet Puhalla	Rollins College	"Sustainable management of dairy farm waste"	Environmental Studies

FACULTY PAPERS

(these papers are concurrent with poster sessions)

Faculty Presenter & Inst.	Academic Field	Paper Title	Panel Title & Time
Laura Hobgood-Oster, Southwestern University	Religious Studies	"Hills and valleys-- creating an inter-disciplinary environmental studies major"	<p style="text-align: center;">Panel II CURRICULUM CONNECTIONS Saturday, 11:00am-12:00 noon Chair: Dr. Mona Ray, Morehouse College</p>
Jim Kahn, Washington & Lee University	Environmental Economics	"Integrating Student Research into the Curriculum"	
Stan Galicki, Millsaps College	Geology	"Living in Yucatan"	
Fatemeh Shafiei, Spelman College	Political Science	"Building Partnerships for Greening the Curriculum"	<p style="text-align: center;">Panel IV ECO-PARTNERSHIPS Saturday, 3:30-4:30pm Chair: Dr. Laura Hobgood-Oster, Southwestern University</p>
Nagambal Shah & Monica Stephens, Spelman College	Mathematics	"Training Undergraduates to Analyze Environmental Data to Help Make More Informed Environmental Decisions"	
Margaret Crowe, Project Officer	Training, Waste Management Division, EPA	"From Ideas to Grants"	
Barry Allen, Rollins College	Environmental Economics	"Sustainable Development in Costa Rica: an Example of ACS collaboration"	<p style="text-align: center;">Panel VI NEW & EXISTING ENVIRO COURSES Sunday, 9:15 - 10:30am Chair: Dr. Lawrence Blumer, Morehouse College</p>
Jeanne Hamming & Sara Hebert, Centenary College	English	"Online Eco Media/Enviro Humanities Course"	
Charles Brocket, University of the South, Sewanee	Political Science	"Alternative Visions of Sustainable Development: Plan Puebla-Panama"	