

ACS Environmental Summit

Morehouse College

2005

Final Agenda

FRIDAY, February 11, 2005 (Sale Hall, Chapel, except as otherwise noted)

8:30-8:45am	<u>Introduction and Greetings</u> Dr. Larry Blumer, Dr. Mona Ray Dean of Science & Mathematics, Dr. J. K. Haynes	
8:50-9:30am	<u>Plenary Remarks</u> <ul style="list-style-type: none"> • Wayne Anderson, ACS president, Environmental Initiative Overview • Christian Gable, BSC grad and intern at Southface • David Anderson, "Ethics and the Environment" 	
9:35-10:35am Chair: Larry Blumer	<u>Faculty/Staff Presentations</u> <i>The Campus Showcase</i> <ul style="list-style-type: none"> • Phil Lewis, Furman, "LEED initiatives and construction" • David Holthouser, Davidson, "Developing and Maintaining a Campus as a National Arboretum" • Andrew McBride, UR, "Weinstein Hall: to LEED or not to LEED" • Carol Ekstrom, Rhodes, "LEED-like buildings: Rhodes College and Barret Library" 	
10:35-10:45am	<u>Break</u>	
10:45-11:45am Chair: Anne Baird	<u>Faculty/Staff Presentations</u> <i>Sustainable Practices</i> <ul style="list-style-type: none"> • Marvin Pate, Sewanee, "A More Pedestrian Campus" • Bob Mathis, SU, "The Sustainable Campus...from Master Plan to Reality" • Wade Carr, SDE recipient, "Understanding and Installing Residential Photovoltaic Systems" • Laura Coar, Rollins "Environmentally Responsible Landscape Practices" 	
11:45-1:15pm	<u>Lunch: Kilgore Campus Center (snack bar area)</u> Dr. E. MacNabb, ACS Enviro Programs, to introduce Guest Speaker: Dennis Creech, Executive Director, SOUTHFACE Energy Institute	
1:20-2:20pm Chair: Ebenezer Aka	<u>Student Presentations</u> <i>Student Power: SDE & CLS grant recipients</i> <ul style="list-style-type: none"> • Adam Watson, Centre, "Building a Campus Renewable Energy Campaign" • Greg Harris & Nupur Hiremath, Davidson, "Campus Sustainability and Waste Reduction Projects on a Small College Campus" • Moss Driscoll, Rhodes, "Community Bike Programs: Reconsidering Transportation on a Changing Campus" • Tovah Miller & Sara Shaw, Rollins, "Greening the Rollins ES Bldg" 	
2:25-3:25pm Chair: Amata Diabete	<u>Faculty/Staff/Student Presentations</u> <i>Living by Environmental Principles</i> <ul style="list-style-type: none"> • Becky Spurlock, Trinity, "Green Careers" • Samantha White, Centre, "The Making of Centre College's Eco-House" • Frank Powell & Bill Ranson, Furman, "A Brief History of the Eco-Cottage at Furman University" • Furman Student Group: David Van Tassel, Nick Kline, Kalen Stanton, Scott Tolbert, Chris Jones, "Conservation Behaviors of Students Living in a University Eco-Cottage: A Data-based Study" 	<u>Tour of SOUTHFACE</u> Field trip led by Christian Gable (vans leave at 2:25 from in front of Kilgore Campus Center)
3:25-3:35pm	<u>Break</u>	<u>Return to Morehouse</u>
3:35-4:35pm	<u>Performance</u> <i>Centre College's TRASH THEATRE</i>	
4:45-5:45pm	<u>Reception: Kilgore Campus Center (snack bar area)</u>	
5:45-7:30pm	<u>Dinner: Kilgore Campus Center (snack bar area)</u> Dr. Andre Bertrand, Morehouse VP of Operations, to introduce Guest Speaker: George Bandy, VP of INTERFACE, Inc.	

SATURDAY, February 12, 2005 (Nabrit-Mapp-McBay Building, unless otherwise noted)

8:30-8:45am	Greetings & Announcements (LECTURE ROOM 1) Dr. Larry Blumer to introduce Senior Vice President for Academic Affairs, Dr. Willis Sheftall	
	LECTURE ROOM 1	LECTURE ROOM 2
8:50-9:50am Chair: Larry Blumer	Faculty/Staff Presentations <i>BSC's Peru Gurus</i> <ul style="list-style-type: none"> • Barbara Domcekova & Megan Gibbons, "Amazon to Andes: Experience the Peruvian Rainforest" • Allie Warren, Katie Dague, & Stewart Stokes, "Dominance And Sociality Between Several Species of Previously Domesticated Monkeys In The Peruvian Rainforest" • Erin Robbins & Libby Yost, "Growing, Growing, Gone: Biotic and Abiotic Factors of Primary & Selectively Cut Rainforests of Tambopata Peru" 	Undergraduate Research <i>Human Culture & the Environment</i> <ul style="list-style-type: none"> • Doc Billingsley, Millsaps • Kirsten Slaughter, Sewanee • Jenny Ball, Hendrix
9:55-10:55am Chair: Mona Ray	FOTIM Faculty Presentations (South Africa) <ul style="list-style-type: none"> • Barend Erasmus, University of the Witwatersrand, "Integration of sociological and ecological research agendas in a rural savanna: challenges and opportunities" • Jonathan Okonkwo, Tshwane University of Technology, "Environmental policy instruments and innovation in pollution control and waste management: the South African situation" 	Undergraduate Research <i>Poster Session 1 (NMM Foyer)</i> <ul style="list-style-type: none"> • Peter MacIlwaine, Sewanee • Caroline Hartridge, Davidson • Molly Pickall, Davidson • Forrest Miller, Centre • Holly Kirkland, Rollins • Becky McDole, Millsaps • John Moore, Morehouse
10:55-11am	Break	
11am-12noon Chair: Fatemeh Shafiei	Faculty/Staff Presentations <i>Interdisciplinary and Social Sciences</i> <ul style="list-style-type: none"> • Mike Gunter, Rollins, "Building the Next Ark: How NGOs Work to Protect Biodiversity" • Chris Stevenson and David Kitchen, Richmond, "The ES Senior Seminar " • Lee Lines, Rollins, "Sustainability and the Continuity of Scale" 	Undergraduate Research <i>Animal Biology & Ecology</i> <ul style="list-style-type: none"> • Katherine Townsend, Trinity • Obaidullah Aseem, Morehouse • Yurii Kornilev, Davidson • Brett Scheffers, Sewanee
12:05 -1:45pm	Lunch: Kilgore Campus Center (snack bar area) Dr. Calvin Grimes, Dean, Division of Humanities and Social Sciences, to introduce Guest Speakers: Frank Peterman , Eastern Regional Director, Wilderness Society and Audrey Peterman , director and environmental consultant, Earthwise Productions, Inc.	12-4pm Service Learning project, Atlanta Food Bank Field Trip led by Dr. Larry Blumer and Dr. David Anderson (participants pick up box lunches at 12:10; vans leave at 12:25 from in front of Kilgore Campus Center)
1:45-2:45pm Chair: Larry Schenbeck	Faculty/Staff Presentations <i>Humanities, the Arts, Science and the Environment</i> <ul style="list-style-type: none"> • Deborah McGrath, Sewanee, "Forest Change on the Cumberland Plateau: an Interdisciplinary Analysis" • Nagambal Shah & Monica Stephens "Mathematics and Environmental Statistics" (<i>paper presented by Che Smith</i>) • Maxine Payne, Hendrix, Photography of Place • Lawrence Schenbeck & Toby Martin, Spelman, "How We Linked Art & ES for Creating Change" 	
2:50-3:55pm Chair: Jeanne Jackson	Faculty/Staff Presentations <i>Campus-Community Partnerships</i> <ul style="list-style-type: none"> • Mike Kirby, Rhodes, "Urban Reforestation" • Carol Ekstrom, "SWEEP: Environmental Education in the Community" • Roald Hazelhoff, BSC, "Community Wellness Gardens" • Jeanne Jackson, BSC, "Environmental Leadership & Justice: Moving to Advocacy" • Pedro Bernal, Rollins, "Service Learning and Water Purification in the Dominican Republic" 	
3:55-4:05	Break	Return to Morehouse

2/12/05	LECTURE ROOM 1	LECTURE ROOM 2
4:05-5:10pm Chair: Larry Blumer	<u>Faculty/Staff Presentations</u> <i>International/Inter-institutional Programs</i> <ul style="list-style-type: none"> • Barry Allen, Rollins, "Sustainable Development in Costa Rica" • Stan Galicki, Millsaps, "Living in the Yucatan" • Larry Blumer, Morehouse, "SEA program" • Jim Kahn, WLU, "US/Brazil Consortium for Environmental Studies" 	<u>Undergraduate Research</u> <i>Ecosystems & Disturbance</i> <ul style="list-style-type: none"> • Meagan Binkley & Kara Allen, Sewanee • Blithe Casterline, Southwestern • Selena Moshell, Rollins • Rebecca Marfurt, Southwestern
Nabrit-Mapp-McBay FOYER		
5:15-6pm	<u>Undergraduate Research</u> <i>Poster Session 2</i> <ul style="list-style-type: none"> • Cameron Blair, Morehouse • Joe Fullmer & Eric Schneider, Rollins • Michelle Gooch, Davidson • Alexa Parker, Hendrix • Claire Phillips, Southwestern • Alejandra Salazar, Trinity 	
6:15-7:45pm	Dinner: Kilgore Campus Center (snack bar area) Dr. Rosanna Cappelato, Rhodes College, to introduce Guest Speaker: Greta Gaard, UMN, "Water Privatization"	

SUNDAY, February 13, 2005 (Nabrit-Mapp-McBay Building unless otherwise noted)

8:30-8:45am	<u>Greetings & Announcements (LECTURE ROOM 1)</u> Larry Blumer, E. MacNabb	
	LECTURE ROOM 1	LECTURE ROOM 2
8:45-9:45am Chair: Sid Brown	<u>Faculty-Student Presentations</u> <i>On Becoming The Environmentalist University of the South</i> <ul style="list-style-type: none"> • Sid Brown & Lucia Dale, "Greener Dorms, Greener Campus: Environmental Residents in the Dorms" • Mary Bruce Gray & Haley Merrill, "The Eco-Cup" • Katharine Wilkinson, "A Proposal of Sustainability: Environmental Policy for U of the South" • Natasha Cowie, SDE recipient, "Campus Recycling and Organic Tomatoes: The Sewanee Ecohouse" 	<u>Networking session for Faculty/Staff</u> <ul style="list-style-type: none"> • Self-organizing topics TBA • Funding Green Buildings • Alliance meetings • Costa Rica Q & A
9:50-10:50am Chair: Glenwood Ross	<u>FOTIM Consortium, South Africa, Discussion</u> Discussion between ACS faculty and staff with Barend Erasmus, University of the Witwatersrand, and Jonathan Okonkwo, Tshwane University of Technology	<u>2 Hour Student Workshop</u> <i>Environmental Action Workshop</i> (led by Dr. Greta Gaard, UMN)
10:50-11:50am (David Mackey)	Tour of Morehouse leaves from N-M-M lobby	
11:55-12:20pm	<u>Guest Speaker (LECTURE ROOM 1)</u> Billy Parish , Brower Youth Award recipient (Earth Island Institute) Introduction by Sewanee student Katharine Wilkinson	
12:20-1:45pm	Lunch, Evaluations Kilgore Campus Center (snack bar area), then leave for hotel & shuttle for airport	

Continued, next page

**ACS Environmental Summit
Faculty/Staff/Student Presentations
February 11-13, 2005**

Continued next page

Staff, Students, Faculty (& mentors)	Institution and academic field	Paper Title	Session Title
Ms. Becky Spurlock	Trinity Career Center director	"Green Careers"	<i>Living by Environmental Principles</i> Friday, 2/11/05 2:25-3:25pm
Dan Matz, David Van Tassel, Nick Kline, Kalen Stanton, Scott Tolbert, Chris Jones & Kartikeya Singh (Dr. Frank Powell & Dr. Bill Ranson)	Furman University, Environmental Studies	"Conservation Behaviors of Students Living in a University Eco-Cottage: A Data-based Study"	
Dr. Frank Powell & Dr. Bill Ranson	Furman University, health & exercise science	Furman's Eco-Cottage	
Ms. Samantha White	Centre College, recycling coordinator	"The Making of Centre College's Eco-House"	
Dr. Megan Gibbons Dr. Barbara Domcekova	Birmingham-Southern College Biology and Spanish	"Amazon to Andes: Experience the Peruvian Rainforest"	<i>BSC's Peru Gurus</i> Saturday, 2/12/05 8:50-9:50am
Allie Warren, Katie Dague, & Stewart Stokes (Drs. Megan Gibbons & Barbara Domcekova)	Birmingham-Southern College Biology	"Dominance And Sociality Between Several Species of Previously Domesticated Monkeys In The Peruvian Rainforest"	
Erin Robbins & Libby Yost (Drs. Megan Gibbons & Barbara Domcekova)	Birmingham-Southern College Biology	"Growing, Growing, Gone: Biotic and Abiotic Factors of Primary & Selectively Cut Rainforests of Tambopata Peru"	
Mary Bruce Gray & Haley Merrill (Dr. Sid Brown)	Sewanee Environmental Studies	"The Eco-Cup"	<i>Becoming the "Environmentalism" University of the South</i> Sunday, 2/13/05 8:45-9:45pm
Katharine Wilkinson (Dr. Gerald Smith)	Sewanee Environmental Studies	"A Proposal of Sustainability: Environmental Policy for U of the South"	
Natasha Cowie, (Dr. Deborah McGrath)	Sewanee, SDE recipient	"Campus Recycling and Organic Tomatoes: The Sewanee Ecohouse"	
Dr. Sid Brown & Dr. Lucia Dale	Sewanee Religion, Computer Science	"Greener Dorms, Greener Campus: Environmental Residents in the Dorm"	

ACS Environmental Summit
Student Posters
Saturday, 2/12/05
Nabrit-Mapp-McBay Foyer

Student and Faculty Mentor	Institution and academic field	Abstract Title	Poster Session
Peter MacIlwaine (Dr. Major McCullough)	Sewanee Archeology and ES	"Rediscovering Sacred Space at Sewanee—Cornerstone Sesquicentennial Park"	#1 9:55-10:55am
Forrest Miller (Dr. Preston Miles)	Centre Chemistry and ES	"Effects of exposed coal on stream water quality"	
Caroline Hartridge (Drs. Chris Paradise & Rick Gay)	Davidson Environmental Education	"Relationship between resource use and ES curricula at southeastern colleges"	
Molly Pickall (Dr. Eriberto Lozada)	Davidson Env. & Social Analysis	"The potential of venture philanthropy"	
Holly Kirkland (Dr. Janet Puhalla)	Rollins Art & ES	"Contrasting views of nature"	
Becky McDole (Dr. Stan Galicki)	Millsaps Chemistry and ES	"Non-point source contamination of wetland sediment, Lefleur State Park, Jackson, MS"	
John Moore (Dr. Cynthia Hewitt)	Morehouse Art & Architecture	"Circular Architecture in Sustainable Design"	
Cameron Blair (Dr. Larry Blumer)	Morehouse Enviro Science	"Longevity of <i>Callosobruchus maculatus</i> "	#2 5:15-6pm
Michelle Gooch (Dr. Michael Dorcas)	Davidson Biology & wildlife management	"The effects of urbanization and survey protocol on detection probabilities and site occupancy estimates for summer-breeding anurans"	
Alexa Parker (Dr. Joe Lombardi)	Hendrix Ecology and ES	"African elephants: ecological importance, exploitation, and conservation"	
Joe Fullmer & Eric Schneider (Dr. Bruce Stephenson)	Rollins Landscape Restoration	"Native Nursery Implementation to Genius Reserve"	
Claire Phillips (Dr. Melissa Johnson)	Southwestern Anthropology and ES	"When conservation efforts conflict with local communities"	
Alejandra Salazar (Dr. Denise Pope)	Trinity Animal Behavior and Ecology	"Activity and reproductive behavior of fiddler crabs on the Texas coast"	
Nicole Counsell (Dr. Janet Puhalla)	Rollins Economics and ES	"How fair is 'fair trade'?"	

**ACS Environmental Summit
Undergraduate Research Presentations
February 11-12, 2005**

Student/s (& Faculty Mentor)	Institution and academic field	Abstract Title	Session Title
Adam Watson (Dr. Patrick Kagan-Moore)	Centre SDE recipient	"Building a Campus Renewable Energy Campaign"	<i>Student Power: SDE & CLS Recipients</i> Friday 1:20-2:20pm
Nupur Hiremath & Greg Harris (Dr. Chris Paradise)	Davidson SDE recipient	"Campus Sustainability and Waste Reduction Projects on a Small College Campus"	
G. Moss Driscoll (Dr. Carol Ekstrom)	Rhodes SDE recipient	"Community Bike Programs: Reconsidering Transportation on a Changing Campus"	
Tovah Miller & Sara Shaw (Dr. Ryan Musgrave)	Rollins CLS Recipient	"Greening the Rollins Environmental Studies Building"	
Kirsten Slaughter (Dr. Major McCullough)	Sewanee Archeology, Chemistry and ES	"Prehistoric Land Use of the Sewanee Campus"	<i>Human Culture and the Environment</i> Saturday 8:50-9:50am
Jenny Ball (Prof. Maxine Payne)	Hendrix Sustainable Agriculture and Public Health	"How Industrialized Agriculture Contributes to the Obesity Epidemic"	
Doc Billingsley (Dr. Stan Galicki)	Millsaps Population and Development Studies	"The Role of Family Planning Programs in Thai Social Well-Being: An Anthropological Perspective of 'Successful' Population Control"	
Katherine Townsend (Dr. Jen Mathews)	Trinity ES and Primatology	"An analysis of the captive environment of ring-tailed lemurs and red-ruffed lemurs"	<i>Animal Biology and Ecology</i> Saturday 11am-noon
Obaidullah Aseem (Dr. Larry Blumer)	Morehouse Bio-behavioral Studies	"Female choice and social hierarchy in convict cichlids (<i>Archocentrus nigrofasciatus</i>)"	
Yurii Kornilev (Dr. Michael Dorcas)	Davidson Biology and Enviro Outreach	"Online system for NC snakes: a novel approach to an old problem"	
Brett Scheffers (Drs. Chris Butler, David Haskell, Jon Evans)	Sewanee Ecology and Conservation	"A study of the location and fate of ephemeral ponds on the Cumberland Plateau, and an assessment of their importance for birds"	
Blithe Casterline (Dr. Emily Niemeyer)	Southwestern Analytical Chemistry and Environmental Chemistry	"Quantification of Phthalate Ester Leaching from Tinted Poly(ethylene terephthalate) Bottles as a Function of Ultraviolet Light Exposure"	<i>Ecosystems and Disturbance</i> Saturday 4:05-5:10pm
Rebecca Marfurt (Dr. Romi Burks)	Southwestern Biology and ES	"Invaders from the south: ecology of the invasive applesnail"	
Megan Binkley & Kara Allen (Dr. Deborah McGrath)	Sewanee Biology and ES	"The effects of Nepal grass on soil ecology of the Cumberland Plateau"	
Selena Moshell (Dr. David Richard)	Rollins Env. Studies and Urban Forestry	"Inshore Reef Zooplankton Dynamics at Oahu, Hawaii"	