

**SBSE 2003 Summer Retreat Schedule**


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**Monday, August 11**

MORNING	<b>Travel and Check-in</b>
12:00 PM	<b>Lunch (12 to 1)</b> Lunch will be served for those arriving early.
AFTERNOON	<b>Travel and Check-in</b>
5:00 PM	<b>Welcome, Intros and Logistics (Room-A)</b> A brief welcome and orientation by your Program Coordinator, Site Logistics Coordinator and Waycross Staff.
6:00 PM	<b>Dinner</b>
7:40 PM	<b>Green Quilt and Omiyage; Social Time (Room-A)</b> Green Quilt: In keeping with our theme, the idea is to bring an 8.5 x 11 map of your city (adopted, born, or otherwise) portraying its green features: natural, technical, societal, historical, or other... including parkways, bicycle trails, institutions supporting the environment, and so on. Give us an idea of a patchwork of green things that make a quilt in your city or town. Bring 42 copies to pass out and briefly describe while you introduce yourself. Let's invent a geography.
	<b>--AND/OR--</b>
	Omiyage: SBSE has a tradition of exchanging teaching "omiyage" (gifts) at the evening program. Please bring a favorite teaching aid in sufficient quantity for all participants (42), to the Teaching Exchange during our first evening program on August 11. Past favors have included a portable sundial from Cris Benton, HVAC design shareware from Eric Angevine, cool lighting slides from Barbara Erwine, Energy Scheming baseball caps from G. Z. Brown's team, textbooks from Amana Miller at Wiley, a pocket balometer from Troy Peters, Bring cool stuff to share!
EVENING	<b>Social Time</b>

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**Tuesday, August 12 (Page 1 of 2)**

- 8:00 AM **Breakfast**
- 9:00 AM **Teaching Facilities as Pedagogy (Concurrent Session 1 - Room-A)**  
 What environmental attitudes are communicated by the places where you teach? What are the connections and rifts between the lessons and the teaching/learning environment? What do students learn about the veracity of our lessons from the examples of these places?  
 - Connections and reinforcement of lessons  
 - Rifts and dissonance
- 9:20 AM **Presentation -**  
 "The New UNM School of Architecture Building Project"  
 Stephen Dent, University of New Mexico
- 9:40 AM **Presentation -**  
 "The Lewis Center for Environmental Studies: Buildings as Ecological Systems "  
 Michael Murray, Oberlin College
- 10:00 AM **Presentation -**  
 "M.D. Anderson School of Nursing, LEED Platinum in Houston"  
 Leonard Bachman, University of Houston
- 10:20 AM **Presentation -**  
 "Design Issues"  
 Jim Wright, Southern Illinois University
- 9:00 AM **Greening the Campus (Concurrent Session 2 - Room-C)**  
 At the village scale, how are campuses acting to form patches of green infrastructure in the overall network of cities?  
 - Greening the Campus: <http://www.tulane.edu/~greencfb/thesis/chapter1.pdf>  
 - How does the footprint of your campus connect to other green patches in the city such as parks, bicycle routes, and public transportation nodes?  
 Bring a color-coded map to share.
- 9:20 AM **Presentation -**  
 "Greening the Campus"  
 Jim Wasley, University of Wisconsin-Milwaukee
- 9:40 AM **Presentation -**  
 "BSU Council on the Environment"  
 Robert Koester, Ball State University
- 10:00 AM **Presentation -**  
 "Techion, a New Campus"  
 Marc Schiler, University of Southern California
- 10:20 AM **Presentation -**  
 "HK Products Exhibit"  
 Ming Ho, The Hong Kong Polytechnic University

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**Tuesday, August 12 (Page 2 of 2)**

11:00 AM	<p><b>Concept Mapping – Sessions 1 and 2 Breakout Groups</b>          We will be forming ad hoc groups of five or six from the participants of each theme session. Each group will construct a concept map of the theme based on their interpretation of the presentations. Presenters should be excused from making the concept maps for the theme they presented in, but should be available for questions.</p> <p>For the concept maps (entity diagrams, flow charts, information maps, concept maps, mind maps or what have you) we will supply poster pads for the canvas, a selection of large post-it notes (in varied size and color) for each of the groups to use as movable entities, and colored markers for labels and relationship connections between the entities.</p> <p>More information about Concept Mapping can be found:</p> <p><a href="http://www.ericfacility.net/ericdigests/ed407938.html">Overviewanduseshttp://www.ericfacility.net/ericdigests/ed407938.html</a></p> <p><a href="#">Cognitive tools map tool demo software</a></p> <p><a href="http://trochim.human.cornell.edu/research/epp1/epp1.htm">Concept mapping (linked from trochim) http://trochim.human.cornell.edu/research/epp1/epp1.htm</a></p> <p><a href="#">Concept mapping soft science or hard art</a></p> <p><a href="http://www.smartdraw.com/resources/centers/software/erd.htm">Entity Relationship Diagrams http://www.smartdraw.com/resources/centers/software/erd.htm</a></p> <p><a href="http://www.iup.edu/HELPDESK/TRAINING/HANDOUTS/EXC2.doc">Excel “Autoshapes” for drawing concept maps and other diagrams http://www.iup.edu/HELPDESK/TRAINING/HANDOUTS/EXC2.doc</a></p> <p><a href="http://cmap.coginst.uwf.edu/">Free mapping software and tutorials http://cmap.coginst.uwf.edu/</a></p> <p><a href="#">Home – map your mind - books, software and mind mapping techniques</a></p> <p><a href="#">How to mind amp buzan centers</a></p> <p><a href="#">Mind mapping examples submitted by others</a></p> <p><a href="#">Smartdraw for flowcharts, org charts, forms and business presentations</a></p> <p><a href="#">The literary machine tutorials and free download</a></p> <p><a href="http://dmc.umn.edu/guides/diagrams.shtml">Using note cards, post-it notes or software techniques, ideas and examples: http://dmc.umn.edu/guides/diagrams.shtml</a></p> <p><a href="http://trochim.human.cornell.edu/tutorial/katsumot/conmap.htm">What is concept mapping? http://trochim.human.cornell.edu/tutorial/katsumot/conmap.htm</a></p>
11:40 AM	<p><b>Sessions 1 and 2 Pin-up Maps</b>          After the breakout, the concept maps will all be hung before lunch (incentive to finish).</p>
12:00 PM	<p><b>Lunch</b></p>
1:20 PM	<p><b>Crossover reviews of Concept Maps from Session 1 Groups and Session 2 Groups (Room-A)</b>          After lunch we will meet in grand assembly and each group will present their concept map for the benefit of all. These maps will be retained and become the retreat artifact... possibly for publishing on the website (incentive to finish neatly).</p>
2:40 PM	<p><b>Break</b></p>
3:00 PM	<p><b>Learning From Buildings: Case Study Reports from the Agents of Change Project (Room-A)</b>          Through the FIPSE-funded Agents of Change project, faculty and teaching assistants from accredited architecture programs will be trained to investigate the secret life of actual buildings. This year, teams of faculty and students participating in the Agents of Change Training Sessions at the Water Pollution Control Laboratory in Portland Oregon (January) and the Lewis Center for Environmental Studies in Oberlin, Ohio (August), will share key findings and design lessons learned from their investigations. Topics will include reports presented by teams on daylighting, electric lighting, occupant comfort, thermal zoning and building envelope design. Teams will discuss design lessons learned and offer insight into how case studies will influence their own design work. In addition to a question/answer period, participants in this session are encouraged to discuss ways to implement the approach at home institutions through seminars, studios, workshops and Tool Days.</p>
5:00 PM	<p><b>Social Time</b></p>
6:00 PM EVENING	<p><b>Dinner Social Time</b></p>

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**Wednesday, August 13**

6:40 AM	<b>Breakfast</b>
7:40 AM	<b>Load Bus</b>
8:00 AM	<b>Departure: Charter Bus Travel to Columbus</b>
9:00 AM	<b>Video: Columbus Visitors Center</b> A short video presentation telling the history and story of the architecture of Columbus, Indiana.
9:20 AM	<b>Interview: First Christian Church</b> Building tour and interview with, Nolan Bingham, the architect for the recent addition to Eliel Saarinen's 1942 church design.
10:00 AM	<b>Columbus: Guided Downtown Walking Tour</b> Walking tour of signature buildings in the immediate vicinity of downtown and Columbus Visitor's Center. We will be divided into two groups and will be guided by highly trained and articulate tour staff from the Visitor's Center.
12:00 PM	<b>Box Lunch: Mill Race Park</b> A box lunch will be provided by Waycross Center. There is also the opportunity for ice cream and other treats (including a performance by a 1908 nickelodeon) at nearby Zaharako's.
2:00 PM	<b>Columbus: Guided Bus Tour / Building Visits</b> A motor coach tour with Visitor's Center tour guide to signature architectural sites throughout the city with walk-off interior visits to selected daylight buildings.
4:00 PM	<b>Columbus: Free Exploration Time</b>
5:20 PM	<b>Banquet: Smith's Row Food and Spirits</b> A delicious meal at one of the area's finest restaurants followed by a presentation by Bob Stewart, a former Mayor of the City of Columbus. The presentation will discuss the non-bricks-and-mortar impacts of the 'Story of Columbus'. These include effects upon community, economic, and societal development as well the many spin-offs from national/international linkages resulting from the Columbus signature architecture program. In a way, this is a presentation on 'Architecture as Pedagogy' for an entire community.
7:40 PM	<b>Departure: Charter Bus Travel to Waycross</b>
EVENING	<b>Social Time</b>

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**Thursday, August 14 (Page 1 of 2)**

8:00 AM	<b>Breakfast</b>
9:00 AM	<p><b>Design Typologies for Environmental Study Centers (Concurrent Session 3 - Room-A)</b>  How does "design for design" in the mode of environmental design for environmental centers translate into architecture as pedagogy?</p> <ul style="list-style-type: none"> <li>-Typological elements and their symbolic impact</li> <li>-Invisible technologies made visible</li> <li>-Metering, automation, and other data display</li> </ul>
9:20 AM	<p><b>Presentation -</b>  "The Phillip Merrill Environmental Center"  Carl Bovill, University of Maryland</p>
9:40 AM	<p><b>Presentation -</b>  "Energy Xchange"  Michael Ermann, Virginia Tech</p>
10:00 AM	<p><b>Presentation -</b>  "The Photovoltaics Design Lab"  Emad M. Afifi, Savannah College of Art and Design</p>
9:00 AM	<p><b>Case Studies in Architecture as Pedagogy I (Concurrent Session 4 - Room-B)</b>  In addition to the Oberlin CES and the Florida A&amp;M College of Architecture facilities, what other exemplar works can we refer to when examining buildings and the pedagogical elements of their design?</p> <ul style="list-style-type: none"> <li>-Discuss at least two case study examples that you personally favor.</li> <li>-Distribute a list of references on each building.</li> </ul>
9:20 AM	<p><b>Presentation -</b>  "Tool Day at Arup: Teaching in the Office"  Bruce Haglund, University of Idaho</p>
9:40 AM	<p><b>Presentation -</b>  "Using LEED as a Benchmark for Sustainable Case Studies"  Terri Meyer-Boake, University of Waterloo</p>
10:00 AM	<p><b>Presentation -</b>  "UT Austin and the Solar Decathlon"  David Crutchfield and Rebecca Leibowitz, University of Texas</p>
11:00 AM	<p><b>Concept Mapping – Sessions 3 and 4 Breakout Groups</b>  Please refer to Tuesday's schedule for the description and mechanics of this session.</p>
11:40 AM	<p><b>Sessions 3 and 4 Pin-up Maps</b>  After the breakout, the concept maps will all be hung before lunch (incentive to finish).</p>
12:00 PM	<b>Lunch</b>
1:20 PM	<p><b>Crossover reviews of Concept Maps from Session 3 Groups and Session 4 Groups (Room-A)</b>  After lunch we will meet in grand assembly and each group will present their concept map for the benefit of all. These maps will be retained and become the retreat artifact... possibly for publishing on the website (incentive to finish neatly).</p>
2:40 PM	<b>Break</b>

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## Thursday, August 14 (Page 2 of 2)

- 3:00 PM      **Case Studies in Architecture as Pedagogy II (Session 5 - Room-A)**  
In addition to the Oberlin CES and the Florida A&M College of Architecture facilities, what other exemplar works can we refer to when examining buildings and the pedagogical elements of their design?  
-Discuss at least two case study examples that you personally favor.  
-Distribute a list of references on each building.
- 3:20 PM      **Presentation –**  
"Case Study"  
Diane Armpriest, University of Idaho
- 3:40 PM      **Presentation -**  
"Integrated Design"  
David Ogoli, Judson College
- 4:00 PM      **Presentation - (Room-B-C)**  
"Sun Emulator Case Studies"  
Norbert Lechner, Auburn University
- 5:00 PM      **Roundtable Discussion: Mentoring the Next Generation of Teachers (Room-A)**  
SBSE faculty will offer perspectives to students interested in careers in teaching. What qualifications are schools looking for? What are the expectations for teaching and research? Should one be a licensed architect or have a Ph.D. before applying? What salary ranges and start up money can one expect? What are the critical teaching materials to have when starting off?
- This is an informal session with faculty who will offer perspectives on the job market. Students (and faculty) may bring questions or simply come and listen to discussion. The roundtable discussion will serve as a critique time for individuals interested in pursuing a career in teaching, teaching philosophies, and strategies for entering the job market. Bring a resume or teaching portfolio!
- 6:00 PM      **Dinner**
- EVENING      **Social Time**

**Friday, August 15**

8:00 AM	<b>Breakfast</b>
9:00 AM	<b>Final Review and Pin-up (Room-A) / Check-out as required</b>
12:00 PM	<b>Lunch (12 to 1)</b> Lunch will be served for those departing late.
AFTERNOON	<b>Check-out and Travel</b>