

2007 LABORATORY Design conference

Where Lab Design Experts And The Lab User Community Meet

September 17-19, 2007

St. Louis, MO

The Westin St. Louis



AIA CE Credits
Available for Architects

Continuing Education Certificates
Available for Engineers

The 2007 Laboratory Design Conference will include presentations from lab design experts in the following areas:

Monday, Sept. 17

1:30-4:30
Preconference Presentation and Tour

1:30-2:30
Creation of a Science Hub: the St. Louis Biobelt (panel presentation & discussion)

3:00-4:30
Tour: CORTEX One biotech incubator: a cooperative venture of Washington Univ., St. Louis Univ., the Barnes-Jewish Hospital Foundation, the Univ. of Missouri-St. Louis, and the Missouri Botanical Garden

5:30-6:30
COCKTAIL RECEPTION

7:00
Keynote: Sustainability in Lab Design: the Next Wave of Green
Bill Odell, *Hellmuth, Obata + Kassabaum*

Tuesday, Sept. 18

7:30-8:15
CONTINENTAL BREAKFAST

8:15-8:30
WELCOMING REMARKS

8:30-9:20
Cost Trends: Biomedical vs. Physical Sciences
Stanley Stark, *HLW International*

9:20-10:10
TBD

10:10-10:30
BREAK

10:30-11:20
Track A:
Lab Facility Design: a Developer Perspective
Pat Larabee, *FacilityLogix*

Track B:
Design Considerations for ABSL-3 Labs
Jim Hill, *BSA LifeStructures*; James Cartwright, *HERA*

11:20-12:10
Track A:
Key Elements of Counterterrorism Design
David Duda, *Newcomb & Boyd*

Track B:
Creating the Multi-Story Vivarium
Josh Meyer, *Jacobs Consultancy/GPR Planners*

12:10-1:30
LUNCH

1:30-2:20
Track A:
Design Issues for "Green" Chemistry Labs
Ernie Wagner, *Holabird & Root*

Track B:
Cost Issues in Biocontainment Lab Construction
Sue Stewart, *McCarthy Building Cos.*

2:20-3:10
Track A:
How Emerging Sciences are Changing the Research Labs
Mariano Rodriguez and Mike Connor, *X-nht* (formerly *Earl Walls Associates*)

Track B:
Managing Chemical Quantities in Research Labs
Greg Muth, *Flad & Associates*

3:10-3:30
BREAK

3:30-3:45
Trends in Global Research Lab Funding
Tim Studdt, *R&D Magazine*

3:45-5:00
Creating a New Research Paradigm: Howard Hughes Medical Institute at Janelia Farm
Robert McGhee, *HHMI*

7:10
Evening outing: Philadelphia Phillies at St. Louis Cardinals, Busch Stadium

Wednesday, Sept. 19

7:00-7:45
BREAKFAST

7:45-8:00
GENERAL COMMENTS

8:00-8:50
Lab Design Trends from the 2007 Lab of the Year Competition
Julie Higginbotham, *Lab Design Newsletter/R&D Magazine*

8:50-9:40
Balancing Cutting-edge Science with Contextual Design
Rick Kobus, *Tsoi/Kobus Associates*; Thomas Simmons, *Washington University*; and Josh Meyer, *Jacobs Consultancy/GPR Planners*

9:40-10:00
BREAK

10:00-10:50
Technology Trends in Fume Hood and HVAC Design
Karl Averd, *Design for Science/Lighthouse Scientific*

10:50-11:40
Revisiting the Five Key Metrics for Biomedical Research Buildings
Victor Cardona, *SmithGroup*

11:40-12:40
LUNCH

2007 LAB TOURS

Wednesday, September 19, 12:40-4:30

(choose only one tour)

Tour A

- CORTEX development corridor, St. Louis**
Design: HOK/Forum Studio
- Edward A. Doisy Research Center, St. Louis Univ.** Design: Cannon Design

Tour B1, B2, B3

(each tour sees 2 of the 3 available Washington Univ. buildings)

Washington University, St. Louis

Tour B1: Dept. of Earth & Planetary Sciences plus Whitaker Hall for Biomedical Engineering

Tour B2: Whitaker Hall for Biomedical Engineering plus Arts & Sciences Lab (chemistry building)

Tour B3: Arts & Sciences Lab (chemistry building) plus Dept. of Earth & Planetary Sciences

- Dept. of Earth and Planetary Sciences**
Design: *Tsoi/Kobus Associates/GPR Planners* (*Jacobs Consultancy*)
- Uncas A. Whitaker Hall for Biomedical Engineering**
Design: *Shepley Bulfinch Richardson & Abbott/GPR Planners* (*Jacobs Consultancy*)
- Arts & Sciences Laboratory Science Building (chemistry building)**
Design: *Skidmore Owings & Merrill/GPR Planners* (*Jacobs Consultancy*)

Tour C

St. Louis/Creve Coeur

- Donald Danforth Plant Science Center.**
Design: *Nicholas Grimshaw & Partners/Hellmuth, Obata + Kassabaum*
- Nidus Center for Scientific Enterprise**
Design: *Hellmuth, Obata + Kassabaum*

Questions about the program or tours?
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