

# Laboratory and Cleanroom Design Conference Hosted by:



Houston, TX  
February 18, 2009

## Why LabWize, Inc.

- Professional Development and Networking Opportunity
- Promote Energy Efficiency and Sustainability
- Increasing the Impact of Investments in Research
- Fostering Research Excellence
- Enhancing Learning and Transfer of Knowledge
- Leveraging the Strengths of Government, University and Private Sector

## Who should Attend?

- Facilities Managers
- Facility Owners
- Facility Engineers
- Mechanical Engineers
- Maintenance and Operations
- Laboratory Design Architects and Engineers
- Health and Safety
- ASHRAE Members
- Contractors

## Sponsored by:

- **CPP, Inc.**
- **Erlab, Inc.**
- **LCS Constructors, Inc.**
- **Siemens Building Technologies, Inc.**
- **Specialty Operations Solutions, Inc.**
- **ThermoFisher Scientific**
- **X-Nth, Inc.**

\* Sponsors highlighted in Red will have booth space.

**Limited Booth Space is Available.**  
**Add your name to the list of Sponsors. Contact LabWize, Inc. for details at [info@labize.org](mailto:info@labize.org) or 678-867-2182.**



- 7:45 - 8:00 AM Registration & Brunch - Wednesday, February 18, 2009**
- 8:00 - 8:15 AM Welcome and Introduction to:**  
**LabWize, Inc. – Douglas A. Friedman**
- 8:15 - 9:15 AM Commissioning - Do it Right the First Time—Reduce Costs and Issue Avoidance**  
**F. Kurt Last - Specialty Operations Solutions, Inc.**
- 9:15 - 10:30 AM Avoiding Potential Pitfalls in Design/Build Delivery**  
**Dennis Brewer - LCS Constructors**  
**Dane McKitrick - LCS Constructors**
- 10:30 - 10:45 AM Break**
- 10:45 - 12:00 PM Fume Hood Trends in the Industry – Low Flow Fume Hoods and The Comparison of Products In The Market**  
**Jon Zboralski – ThermoFisher Scientific**
- 12:00 - 1:00 PM Lunch**
- 1:00 - 2:15 PM Advanced Ventilation Design for Pressurized Spaces: Space Pressurization, Objectives & Designs**  
**Paul Fuson, PE - Siemens Building Technologies**
- 2:15 - 2:30 PM Break**
- 2:30 - 3:45 PM Methods for Optimizing Energy Efficiency of Exhaust Systems**  
**Ron Petersen, PhD - CPP, Inc.**
- 3:45 - 5:00 PM How to Apply LEED Application Guide for Laboratories (LEED-AGL) to your Project**  
**Karl Aveard, LEED AP - ErLab, Inc.**



---

**Karl Aveard - VP Communications, ErLab, Inc.**

Mr. Aveard, is responsible for all activities in support of new Green Fumehood technology. Mr. Aveard Associate Member of the American Institute of Architects, (USGBC) Leadership in Energy & Environmental Design , (LEED) Accredited Professional Co-Chair of LEED for Labs Committee, American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE). Mr. Aveard has worked exclusively in the planning and design of laboratories since 1984.

---

**Dennis Brewer - Executive VP, LCS Constructors**

Mr. Brewer with over thirty years of construction experience, responsibility for lab design consulting, estimations, and construction management. Dennis possesses over 24 years of laboratory construction experience and over 30 of general construction which covers all aspects of construction from carpenter to general manager.

---

**Paul Fuson PE - Sr. Product Manager for Life Sciences and Critical Environments , Siemens Building Technologies, Inc.**

Since joining the company in 1984, Paul has held positions in purchasing, product development, marketing and sales management. Paul's earliest work experience was as a design engineer and project manager for a manufacturer of nuclear and gas turbine power generation systems. He holds Bachelor of Science degrees in Mechanical Engineering and Physics from the University of Illinois, and a Masters of Management degree from Northwestern University.

---

**F. Kurt Last - President, Specialty Operations Solutions, Inc.**

Mr. Last has more than 20 years experience in programming, design, commissioning and operating laboratory, cGMP pharmaceutical manufacturing and research animal care facilities. Prior to founding Specialty Operations Solutions (SOS) in 1997, Mr. Last was Senior Director of Operations for a cGMP biologics manufacturing company, leading teams charged with Facilities (Research & cGMP Manufacturing) Operations; Calibration & Metrology; Research Animal Care and Security, Environmental Health & Safety. SOS provides programming, design, financing, sciences integration & quality assurance, veterinary & research animal care support, complete (FDA) regulatory services, commissioning & start up, and operations.

---

**Dane McKitrick - Senior Project Manager, LCS Constructors**

Mr. McKitrick has a career spanning over thirty years in construction management, nearly all of it involved in the design, construction, and maintenance of Advanced Technology facilities. Dane focuses on Design/Build Projects with exacting performance requirements which include a wide variety of projects containment laboratories, and cGMP facilities.

---

**Ron Petersen PhD - Principal, CPP, Inc.**

Dr. Petersen has over 30 years experience in exhaust/intake evaluations, air quality assessments, atmospheric dispersion, wind-tunnel modeling and numerical modeling. Dr. Petersen has conducted numerous studies related to exhaust/intake design and pollutant transport in complex environments for many university, pharmaceutical, hospital, industrial, commercial and government clients. He presented/prepared comments on behalf of the Air & Waste Management Association's dispersion committee at past EPA Modeling Conferences in Washington D.C. regarding revisions to the EPA "Guideline on Air Quality Modeling." Presenter for Labs21 Design Course. He has authored or coauthored over 250 technical papers and/or presentations.

---

**Jon Zboralski - Director of Air Products - ThermoFisher Scientific, Inc.**

Mr. Zboralski has over 30 years experience in the design and development of laboratory furniture and fume hoods. Involved in the development of the ASHRAE 110 tracer gas test. Serves on the SEFA Fume Hood Committee. He has published, author and holds numerous patents on airflow related products.

---

**I'd like to attend:**  
**Best Practices for Laboratory Design 2009**

**Sheraton North Houston Hotel**  
15700 John F. Kennedy Boulevard. Houston, TX 77032

**Seminars Will Include:**

- Continental breakfast and lunch
- Certificate for Educational credits
- LabWize, Inc. presentation materials
- **NEW - SEFA Lab Desk Reference (Upon Request)**

**Register at:**

[www.LabWize.org](http://www.LabWize.org) or CALL: (678) 867-2182 or print out this page, fill it out, and FAX: (678) 867-2183

	<u>Price</u>	<u>Early Bird Registration</u>	
02/18	US\$595.00	Register by 2/12	US\$395.00/ Day
			<b><u>Discount Codes:</u></b> <b>Enter Discounts for Sponsors</b>

For Promotion, type "LabWize" in the comments field on the registration page. Registration is limited each day, so sign up today. To learn more and register, go to [www.LabWize.org](http://www.LabWize.org) and click the Seminars link.

**For Hotel Reservations:**

Contact: **Sheraton North Houston Hotel**  
(281) 442 5100 to receive 115.00/ Night plus tax, Use Reference Code: "LabWize" before **February 9, 2009**

LabWize, Inc. is committed to hosting green meetings and ensuring that all environmental aspects are considered. Therefore, all presentation materials will be available for download prior to the event for registered attendees.

Instructions for download to Attendees will be e-mailed one (1) week prior to the event.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province: \_\_\_\_\_ ZIP: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Cell: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Payment Method: \_\_\_\_\_ Credit Card #: \_\_\_\_\_

American Express: \_\_\_\_\_ MasterCard: \_\_\_\_\_ Visa: \_\_\_\_\_ Check #: \_\_\_\_\_

Exp. Date: \_\_\_\_\_ Security Code: \_\_\_\_\_ Name on Card \_\_\_\_\_

Signature: \_\_\_\_\_ Sponsor Discount Code: \_\_\_\_\_

Make Checks Payable to "LabWize, Inc." and mail to the address below.

**Cancellation Policy:** Full refund up to ten (10) days prior to event with written notice.



3000 Old Alabama Rd., Ste. 119-163 • Alpharetta, GA 30022-5820  
PHONE: (678) 867-2182 • FAX: (678)-867-2183  
info@LabWize.org