

LEONARDO ACADEMY

THE SUSTAINABILITY EXPERTS®

NEWSLETTER

UPCOMING EVENTS

MAY 19-21, 2010

Greening the Heartland

Minneapolis, MN

Leonardo Academy Booth #439

A Cleaner & Greener® Event!

JUNE 27-29, 2010

BOMA International Conference,

Los Angeles, CA

Leonardo Academy Booth #947

OCTOBER 27-29, 2010

IFMA World Workplace

Atlanta, GA

NOVEMBER 16-19, 2010

Greenbuild International

Conference & Expo, Chicago, IL

Leonardo Academy Booths T27 & T28

UPCOMING WEBINARS

MAY 20, 2010

**Clinton Presidential Library LEED-NC to
LEED-EB Case Study**

**Reducing Your Company Mercury
Footprint**

JUNE 17, 2010

**123 LEED-NC Certification: How to Be
A Hero and Deliver Great Post-Occu-
pancy Performance**

TO SIGN UP FOR A WEBINAR VISIT:

[www.leonardoacademy.org/training/
online-training](http://www.leonardoacademy.org/training/online-training)

MAKE A DIFFERENCE

Contribute to Leonardo Academy's environmental and sustainability work and help support a healthy environment now and for the health of all life for future generations.

For more information or to donate:

Phone: (608) 280-0255

Email: betsy@leonardoacademy.org

Mail: P.O. Box 5425, Madison, WI 53705

THANK YOU!

Leonardo Academy and Synapse Get to Work on Sustainability in Syracuse, NY

Leonardo Academy and Synapse Sustainability Trust are working together to promote sustainability in Syracuse, New York. The kickoff event for this cooperation was the Leonardo Academy participation in the 8th Annual Green Building Conference in Syracuse sponsored by the Mid New York Chapter of the U.S. Green Building Council and the College of Environmental Science and Forestry (ESF). Leonardo Academy President Michael Arny presented a four-hour workshop in March (sponsored by Synapse) on sustainability for organizations, "Organization Sustainability: A Step-By-Step Approach."

This workshop addressed:

- Organizational Sustainability – The "Big Picture" View
- Green Buildings
- Existing and New Buildings
- Emissions – Footprints and Offsets
- Procurement and Operations
- Reporting – Telling Your Sustainability Story

Leonardo Academy also presents this training course as a webinar or as onsite training for companies and organizations.

Planned joint activities between Leonardo Academy and Synapse include providing additional sustainability training in Syracuse, working together on the greening of the historic train station being renovated by Synapse, and other sustainability projects. Synapse Sustainability Trust is a nonprofit organization founded by Synapse Risk Management LLC, a national wholesale insurance provider.

Michael D. Arny



Spring Activities Advance Sustainability

Spring has arrived in Madison! Since the ice has melted we have had the privilege of watching the loons and mergansers arrive and depart from the lakes in Madison. The renewal of spring also sees Leonardo Academy staff continuing to work hard on advancing sustainability.

On Earth Day, Leonardo Academy staff cleaned up the city park next to the building that houses our offices. It was a beautiful day and we found less rubbish in the park than last year (see photo back page).

Another spring activity was prescribed burning at the Valley Ridge Preserve near Richland Center, Wisconsin. We are gradually increasing the area burned each year to expand the preserve's restored savanna. In previous years the vegetation has been very wet, limiting the effectiveness of the controlled burns. However, this year we experienced very dry conditions, so the burns were quite lively!



Prescribed burning at the Valley Ridge Preserve

Leonardo Academy Approved as USGBC Tier III Education Provider

On March 19, 2010, Leonardo Academy was accepted by the U.S. Green Building Council as a Tier III Education Provider with portfolio review. Education on sustainability issues is a part of Leonardo Academy's mission. Leonardo Academy has been a USGBC Education Provider since August 2008 and has developed eight courses that have been approved for both in-person and live webinar presentation. Status as a USGBC Tier III Education Provider increases our opportunities to educate the public about sustainability and has several advantages. First, there is no limit to the number of courses that Leonardo Academy can present to the USGBC for approval. Second, the time for the course review process is greatly shortened, so that we can more effectively keep up with the educational needs of our audiences.

Leonardo Academy has a number of new training opportunities available in 2010. We are offering webinars on LEED, emissions, and general sustainability on a regular schedule throughout the year. Leonardo Academy is also pleased to announce that we will be offering in-person training sessions in Washington, D.C., Chicago, and New York. Many of our webinars and in-person training courses are approved by the AIA and USGBC for continuing education credits.

Leonardo Academy Training Courses	Time (Hours)	AIA-Approved for Continuing Education Credit	USGBC-Approved for Continuing Education Credit
LEED Rating System Training and Exam Preparation			
LEED-EB O&M 2009	8		
LEED-CI 2009	8		
LEED Green Associate Training and Exam Preparation			
Green Associate 2009	6		
LEED Knowledge Training			
123 LEED-NC Certification: How to Be a Hero & Deliver Great Post Occupancy Performance	1	✓	✓
Checking the LEED-EB Prerequisites Off Your List	1.5	✓	
Clinton Presidential Center LEED-EB Case Study	1.5	✓	
Getting Started with LEED-EB O&M 2009	3.5		
Green Energy Saving Performance Contracting	1.5		
Green Leasing Made Easy by Putting LEED to Work (AIA title - Green Leasing Made Easy)	1.5	✓	✓
Integrating LEED-NC and LEED-EB	1.5	✓	✓
LEED Waste Management Strategies: Waste Audits and Recycling	1.5		
Maximizing Fixture Water Efficiency for LEED Credit	1.5		
Reducing Mercury in Lighting: LEED Points and Beyond (AIA title: Reducing Your Company Mercury Footprint)	1.5	✓	✓
The Economics of LEED: LEED for New Construction & LEED for Existing Buildings	1.5	✓	✓
Using LEED O&M to Manage the Greening of Your Building Portfolio	1.5	✓	
Site Irrigation for LEED: Efficiency Strategies and Calculations	1.5		
Sustainable Procurement Strategies: Earn LEED Credit for Your Purchases	1.5		
Emissions Training			
Emissions Strategy Development: Footprints, Reductions, and Offsets	2	✓	✓
Sustainability Training			
Emissions Strategies	1		
Green Your Supply Chain and Sustainable Operations	1		
LEED for Sustainable Buildings	1		
Organizational Sustainability: The Big Picture View	1		
Telling Your Sustainability Story: Annual Sustainability Reports	1		
Organizational Sustainability: A Step-by-Step Approach	5		
Sustainability - Are You Ready? (AIA title: Sustainability - Are You Ready? Êtes-Vous Prêt?)	1.5	✓	✓
Sustainability for Suppliers: Jumpstart Your Thinking - You, Walmart, and Your Other Customers	1.5		

Update on Leonardo Academy Programs

WEBSITE DEVELOPMENTS

Family sustainability checklists have gone up on the World Green website (www.worldgreen.org). The four checklists cover Energy, Water, Waste and Purchasing. The checklists allow families to record their sustainability actions and add up their sustainability score. The checklist can be used to direct further sustainability actions and the sustainability score can be used to track sustainability achievements over time.

ORGANIZATIONAL SUSTAINABILITY TEAM

Leonardo Academy practices what it preaches by following a sustainability policy to guide its own progress on tracking emissions. The policy addresses the full scope of Leonardo Academy's activities. For our leased office space, the policy closely follows the applicable credits in the United States Green Building Council (USGBC) LEED® for Existing Buildings Operations and Maintenance (LEED-EB O&M) rating system. For the Valley Ridge Preserve, owned by Leonardo Academy, the policy requires a sustainable land management program to be followed. The policy requires Leonardo Academy to calculate total annual emissions, including emissions that affect climate and emissions that affect health, and to offset all greenhouse gas emissions it causes each year.

In 2009 Leonardo Academy tracked and calculated greenhouse gas emissions and emissions that affect health associated with building energy use, business travel and employee commuting. Leonardo Academy tracked sustainable

purchasing of consumables, durable goods and cleaning products.

Leonardo Academy's greenhouse gas emissions in 2009 were 142.6 metric tons of carbon dioxide equivalents. The 2009, 2008 and 2007 annual greenhouse gas emissions caused by Leonardo Academy have been offset with greenhouse gas emission reduction credits.

EMISSIONS TEAM

The emissions team has been very busy this quarter helping buildings, events, and organizations undergo emissions inventories. In addition to helping single buildings meet the LEED for Existing Buildings



requirement for emission reductions reporting, we have also helped multiple companies quantify their associated emissions. The emissions team is also in the process of updating two reports: the revised "Emissions per Dollar Supply Chain" and the "U.S. Average Per Capita Emissions" reports will soon be available on the Leonardo Academy and Cleaner and Greener® websites.

LEED TEAM

This program has seen continued growth of our Leadership in Energy and Environmental Design (LEED) consulting services worldwide. Owner occupied facilities recognize LEED certification as a method to quantify their building's environmental performance. While owners and property management teams for commercial office buildings recognize LEED certification as a way to distinguish themselves in the market place, a tool to find additional operational savings, and reduce their portfolio's environmental footprint. Leonardo Academy is recognized as one of the top service providers for LEED for Existing Buildings consulting. To learn more, contact our Director of LEED Services, Dirk Mason at dirk@leonardoacademy.org.

SUSTAINABILITY INTERN PROGRAM

Leonardo Academy's 2009-2010 Academic Year internship will be drawing to a close in May. Sarah Obernauer and Chris McKim will continue on as interns during Summer 2010. For information about the 2010-2011 Academic Year internship, visit our website: www.leonardoacademy.org/interns-fellows-program.html.

LEONARDO ACADEMY'S LAND MANAGEMENT PROGRAM AND VALLEY RIDGE PRESERVE

Spring has arrived at Valley Ridge Preserve! Leonardo Academy staff tapped maple trees in March and will be hosting a spring wildflower hike at Valley Ridge Preserve on May 22 at 10 AM. Leonardo Academy will also begin working with the Blue Mounds Area Project to monitor the wildflowers and rare and endangered species on the property. Other plans for the spring include a controlled burn of the native prairie areas (done in April) and thinning of the oak/pine plantations.

SUSTAINABILITY STANDARDS DEVELOPMENT

The Sustainability Standards Development Team is making progress on many fronts. The Emissions Inventories, Offsets, and Reduction Credits Standard development committee will hold its first meeting on May 19, where it will become acquainted with the ANSI process and begin discussion of the draft standard authored by Leonardo Academy.

The Sustainable Gaming Standard development committee is progressing at a solid pace and anticipates that the final draft standard will be available for public comment by Fall 2010.

Lastly, the Sustainable Agriculture Standard subcommittees are picking up the pace during the first half of 2010. Highlights include:

1. The launch of the Sustainable Agriculture Standard monthly e-newsletter, which will inform process participants of subcommittee progress, important updates and opportunities to get engaged in the standard development effort;
2. Development of principle/goal statements for Economic, Environmental, and Social Sustainability, which will serve as the basis for indicators, criteria, and metrics; and
3. Continual expansion of the Sustainable Agriculture Standard Reference Library, a publicly available database that includes standards, metrics, research, guidance documents and other references relevant to sustainable agriculture.





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Join our online community!
WorldGreen.org

LEONARDO ACADEMY EARTH DAY CLEANUP



On Earth Day Leonardo Academy staff cleaned up the north end of Olin Park, Madison, Wisconsin. From left: Kim Jaworksi, Bill Rattunde, Dirk Mason, Tracy Spoeth-Jaworski, John Landowski and Jessica Loeper.

PHOTOS OF FLOWERS
TAKEN AT THE VALLEY
RIDGE PRESERVE BY
BARB McCABE