



## FLATWATER CHAPTER

# Energy Modeling

## SEMINAR for HIGH PERFORMANCE BUILDING

March 6 - 7, 2008 - 9:00 am to 5:00 pm

This seminar is being held to expose professional architects, engineers and building owners to energy modeling and to equip them with the ability to properly harness this important tool in their designs and decision-making process. Energy modeling can help optimize the building design and allow the design team to intelligently prioritize design strategies for reducing a building's energy use. The program theme is focused around *The Future of University of Nebraska-Lincoln Energy Sciences Programs: 2007-2011* document, Focus Area 5, "Architecture & Environmental Control Systems".

### Faculty

Brenda V. Morawa, P.E. LEED AP, Principal

Amanda Bogner, PE LEED AP

BVM Engineering, Inc., Atlanta, Georgia

**MARCH 6, 2008: Introduction** - College of Architecture  
Room 210, College of Architecture, University of Nebraska - Lincoln

**MARCH 7, 2008: Advanced Exploration** - Peter Keiwit Institute  
Room 248, College of Engineering, University of Nebraska - Omaha

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Register by Feb. 25th - \$80 one day, \$140 both days

Continuing Education and Certificates of completion are available for both days.

### TOPICS

- \* Energy Modeling
- \* High Performance Design
- \* Leadership in Energy and Environmental Design (LEED)
- \* Features and Advantages of Various Software
- \* Energy Modeling for ASHRAE Standards and Code Compliance
- \* Hands-on Workshops Using Example Projects
- \* Reporting Modeling Results for Best Impact
- \* Modeling for Existing Buildings
- \* Case Studies

NEBRASKA CENTER FOR ENERGY SCIENCE RESEARCH <http://ncesr.unl.edu/>  
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COLLEGE OF ENGINEERING <http://engineering.unl.edu/>  
CHARLES W. DURHAM SCHOOL OF ARCHITECTURAL ENGINEERING & CONSTRUCTION

For more information contact: Tim Hemsath - [themsth3@unl.edu](mailto:themsth3@unl.edu)  
T:402 472-4472 or visit [HTTP://CHAPTERS.USGBC.ORG/FLATWATER](http://CHAPTERS.USGBC.ORG/FLATWATER)



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Energy Modeling SEMINAR for HIGH PERFORMANCE BUILDING

March 6 - 7, 2008 9:00 am to 5:00 pm

To register contact or complete form below –email, mail or fax to:

Doris Devries
Phone 402 472-9212
Fax 402 472-3806
ddevries1@unl.edu

210 Architecture Hall
Lincoln NE 68588-0106

Faculty

Brenda V. Morawa, P.E. LEED AP, Principal

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Name
Company
Address
Phone #
Email #

NU ID# (for UNL only)

I would like to register for:

- Day 1 = \$80
Day 2\* = \$80
Both Days = \$140
University Faculty or Student = Free

Submit payment and form to address above.
Make checks payable to the University of Nebraska.

Please register by Feb. 25th

- Attendees will receive confirmation email and more information one week prior to event
Late registrations will be accepted only if space is available
Cancellations prior to registration deadline will receive full refund; cancellations after Feb. 25th will not receive a refund

\*Note – Day 2 of seminar will include computer use, limited seating is available and will be on a first come first serve basis.

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## FLATWATER CHAPTER

Schedule of Two-Day Seminar – Registration begins each day at 8:30am

### DAY ONE March 6<sup>th</sup>

College of Architecture – Lincoln  
10<sup>th</sup> & R Streets

Welcome	Dean Wayne Drummond
9am – Noon	Energy Modeling High Performance Design LEED
Lunch	Provided
1pm – 3pm	Features and Advantage of Various Software Energy Modeling for ASHRAE Standards and Code Compliance
Break	
3:30pm – 5pm	Case Studies Questions/Discussions

### DAY TWO March 7<sup>th</sup>

Peter Keiwit Institute, Room 248  
1110 South 67th St.  
Omaha, NE 68182-0571

Welcome	Dr. Grenville Yuill, Director
9am – Noon	Energy Modeling High Performance Design LEED
Lunch	Provided
1pm – 3pm	Features and Advantage of Various Software Energy Modeling for ASHRAE Standards and Code Compliance
Break	
3:30pm – 5pm	Hands-on Workshops Using Example Projects Reporting Modeling Results for Best Impact Modeling for Existing Buildings

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