PSU NAHB

National Association of Home Builders

Student Chapter

2009 – 2010

Membership Packet

- NAHB Student Chapter Benefits
- Membership Application
- PSU/NAHB Scholarship Information & Application
- National Housing Endowment Scholarship Programs
- Residential Construction Competition
- Housing Certificate Program
- J. Roger Glunt Graduate Fellowship Program

www.clubs.psu.edu/up/nahb

National Association of Home Builders
Student Chapter at The Pennsylvania State University

Residential construction is the single largest segment of the building industry in the U.S. Membership in the Penn State Student Chapter of the National Association of Home Builders entitles you to participate in the services of a professional, academic, and social organization. Students who are interested in a career in residential or light building construction are urged to join the NAHB Student Chapter. The basic advantages are:

Professional

Here are a few reasons why you should become a **Student Member**:

- Membership provides an opportunity for you to work with experienced builders and gain first-hand knowledge of the home building industry in preparation for your career
- Each student has a chance to win part of thousands of dollars in cash and prizes through national competitions and awards programs
- A free subscription to *Building Futures*, the newsletter that connects Student Chapters across the country; available at http://www.nbnnews.com/stuchap/issues/
- A free subscription to *Nation's Building News* the voice of America's housing industry available at http://www.nahb.org/category.aspx?sectionID=191
- 10-20% discount on NAHB publications.
- Access to the NAHB Library, staff professionals, merchandise and other services
- Personal and professional development programs
- Networking opportunities
- Various opportunities to qualify for scholarships through the PSU Student Chapter Program, NAHB and the National Housing Endowment.
- Special local student chapter events like field trips and guest speakers
- NAHB member PIN, to gain access to members-only NAHB.org web site
- Student member registration fee to the International Builders' Show
- Access to copies of *Builder Magazine* and *Building Safety Quarterly* in the Hankin Library, 219 Sackett Building
- Summer internship

Academic

- The NAHB Student Chapter provides you with the opportunity to learn more about the house and light commercial building industries through guest speakers, educational trips, films, special courses, summer jobs, and notification of related community, state, and national events.
- As a member, you are eligible to apply for many scholarships. Please see the attached details on applying for the scholarships available at Penn State University this fall. Other student chapter member scholarship programs are available through the National Housing Endowment at www.nationalhousingendowment.org.
- Student chapter members are given the opportunity to apply skills learned in the classroom to a real construction project. All student chapter members are eligible to participate in the project; however, only a team of six (6) students will be selected to participate in the 2009-2010 Residential Construction Competition at the International Builders Show. The selected six member team will be awarded an expense paid trip to the International Builders Show in Las Vegas, Nevada from January 19 – 22, 2010.
- Active membership in an organization such as this looks good on your resume! Membership dues of $15 are payable on or before October 8, 2009. Annual regular membership in NAHB extends from October 1 of the current year to September 30 of the succeeding year.

Application for Membership – Academic Year 2009-2010

(October 1, 2009 through September 30, 2010)

NATIONAL ASSOCIATION OF HOME BUILDERS
Student Chapter at The Pennsylvania State University
219 Sackett Building - University Park, PA 16802

MEMBERSHIP DUES: $15.00 (National Chapter Dues, $10; Student Chapter Dues, $5). Make checks payable to: NAHB
The membership fee must be paid by OCTOBER 8, 2009.

PLEASE PRINT INFORMATION

Membership Status: ❑ **New Member** ❑ **Continuing Member**

Name: _____ _____ _____
Last Name **Middle Initial** **First Name**

❑ **I am a NAHB Officer and my position is** _____. ❑ **I am not a NAHB Officer**

Student ID # (REQUIRED): _____-_____ **Gender:** ❑ **Male** ❑ **Female**
(not SS#)

Start Date: _____ **Expected Date of Graduation:** _____ / _____
Semester **Date**

E-Mail: _____ ***This is the best way for us to communicate with you - please provide.**

❑ **I am interested in participating in the construction project for the residential construction competition.**

Local Address: _____
Street (or P.O. Box)

_____
City **State** **Zip Code**

_____
Telephone

Home Address: _____
Street (or P.O. Box)

_____
City **State** **Zip Code**

_____
Telephone

Signature: _____ **Date:**_____

Penn State's Commitment to the Residential Building Industry

A program in Residential and Light Building Construction was established at The Pennsylvania State University in 1980 under the auspices of the Departments of Architectural Engineering and Civil and Environmental Engineering. Outstanding support has been received from the Builders Association of Central Pennsylvania, the Pennsylvania Builders Association (PBA), the National Association of Home Builders (NAHB), and the late Bernard Hankin (of The Hankin Group, who provided the original encouragement and financial support).

Program Components:

Four courses at the senior undergraduate/graduate level:

CE 410 W – Sustainable Residential Subdivision Design (Fall 2009)
AE 470 – Residential Building Design and Construction (Fall 2009)
CE 496A – Housing Competition Project (Fall 2009)
AE/CE 597 – Design of Wood Structures (Fall 2009)

Housing Certificate Program

A Housing Certificate is available for students who complete the following courses:

Prescribed Course: A E 470
Additional Courses: Choose 9 credits from the following:
A B E 462, A E 432, AE/CE 542, AE/CE 597 (Wood Structures), C E 410W, R EST 301, R EST 420

If you are interested in obtaining a certificate in housing, fill out the Housing Certificate Program Registration Form (page 7 of this packet) and return it to Dr. Bohumil Kasal in 222 Sackett Building. For more information on the certificate, visit www.engr.psu.edu/ce/housing/housing.htm.

An active Student Chapter of the National Association of Home Builders

The Student Chapter received its charter from NAHB in 1981 and averages about 30 student members each year.

Awards Program

Scholarships for undergraduate students.
Travel Grants for students on the Residential Construction Competition team to attend the NAHB's International Builders' Show in January each year.

An active graduate-level R & D program

Since 1983, a number of research and development projects have focused directly on various aspects of the residential building industry.

The Bernard Hankin Residential Building Library

This facility houses trade literature, magazines and a video library, which is available to aid students in their coursework and research efforts.

The Bernard and Henrietta Hankin Chair in Residential Building Construction

This endowed Chair was established in 1989 and is currently held by Dr. Bohumil Kasal.

The J. Roger Glunt Graduate Fellowship in Housing at Penn State

This Fellowship was established in 1994. The J. Roger Glunt Fellowship is available every fall semester to award to a graduate student who is interested in housing (see page 8 for the Glunt Fellowship application). The Glunt Fellow is also awarded a travel grant to attend the NAHB's International Builder's Show.

Pennsylvania Housing Research Center Graduate Fellowship

The PHRC Fellowship was established in 2008 and supports a talented graduate student pursuing a career in residential construction.

NAHB Student Chapter Scholarship Program

Eligibility

With the support of the National Association of Home Builders (NAHB), the Pennsylvania Builders Association (PBA) and industry, a scholarship program has been established.

Penn State NAHB student chapter members who are interested in financial support are encouraged to apply for a scholarship. Consideration for scholarships will be given to Penn State students who are interested in and have a commitment to housing. Awards are open to, but not limited to, students who are enrolled in the Departments of Agricultural and Biological Engineering, Architecture, Architectural Engineering, and Civil & Environmental Engineering. Students applying for a scholarship must complete requirements below.

During the Fall Semester 2008, a total of $21,529.37 was awarded. $12,000 was awarded to support the Residential Construction Competition Team travel. Support for the travel awards was provided as follows: $3,429.37 from the University Park Allocations Committee (UPAC) and $6,100 from various industry allocations. Industry funding was provided by the National Association of Home Builders (NAHB), the Pennsylvania Builders Association (PBA), the Builders Association of Central Pennsylvania, Henrietta Hankin, Weyerhaeuser Real Estate Co./Winchester Homes, and the National Housing Endowment.

Scholarship applications will be accepted for 2009-2010 until **October 8, 2009**. The Hankin Committee will vote on the scholarship submissions and winners will be announced at the NAHB Awards Banquet on **Thursday, November 12, 2009, 6;00 P.M.** at the Nittany Lion Inn. If you are submitting a scholarship application, please plan on attending the awards banquet.

Requirements

All applicants applying for a SCHOLARSHIP must submit:

(1) a completed "**Scholarship Application Form**" (page 5 of this packet)

(2) an "**Unofficial Transcript**" through Spring 2009

(3) an "**Academic Course Plan**" (listing of courses you have taken during the past 2 years) from any institution

(4) a statement of "**Career Objectives**." The statement of Career Objectives should be typewritten (2 pages-max.) and should indicate how your objectives relate to the residential and light construction industry (i.e., family ties to the industry, desire to work for a residential development or engineering/surveying firm associated with the industry, desire to eventually manage one's own firm, etc.). The intention, of course, is to obtain some idea of your level of interest, commitment and knowledge of the housing business. Decisions related to the Scholarships could also take financial need into account so, if you wish to, give some indication of need.

Submit application form to Rhonda Decker, 219 Sackett Building by 4 p.m. on **Thursday, October 8, 2009.**

BOXED AREA FOR OFFICE USE ONLY

MAJOR _____	**CUMULATIVE GRADE-POINT AVERAGE _____** **(through the Spring Semester 2009)**	**DATE _____**

RESIDENTIAL BUILDING CONSTRUCTION INDUSTRY

SCHOLARSHIP APPLICATION FORM

If applying for a NAHB Scholarship, please complete and return this application to Rhonda Decker - PHRC, 219 Sackett Building, on or before **5 p.m. on Thursd*ay, October 8, 2009.***

Please include: 1) an "**Unofficial Transcript**" through Spring/Summer 2009,

2) an "**Academic Course Plan**" for the applicant's last two years at any institution, and

3) a 2-page typewritten statement of "**Career Objectives**" (both short- and longer-term) and the connection with housing (for details – see both "Eligibility and Requirements for the NAHB Student Chapter Scholarship Program" on page 4 and #8 below).

1. **Name:**_____
   Last Name First Name M.I.

2. **Local Address:** _____
   Street City/State/Zip Code Telephone

3. **Home Address:** _____
   Street City/State/Zip Code Telephone

4. **Date of Birth:** _____ **Student ID #:** _____-_____

5. a) Semesters you will have completed (at any institution) at the end of the Fall Semester 2008:_____

   b) Expected Date of Graduation: _____

6. **Present faculty advisor:**_____ **Office Address:** _____

7. **Credits planned per semester:** Fall 2009_____ Spring 2010_____

8. In writing your "**Career Objectives**", provide (very briefly) any other pertinent information concerning your circumstances that might be helpful in assessing your application, such as:

   a) your work related experiences (including part-time, summer, etc.)

   b) your involvement in the NAHB Student Chapter

   c) honors or awards that you have received

   d) residential design or construction or real estate courses that you have taken while at Penn State or elsewhere

   e) some indication of your financial situation (i.e. financial need - if you wish to do so)

NOTE: Scholarships will be awarded the NAHB Award Banquet on **Thursday, November 12, 2009.**

NAHB Student Chapter Residential Construction Competition

Introduction

The NAHB Residential Construction Competition is one of the highlights at the annual NAHB International Builders' Show. The competition, held in conjunction with the NAHB convention, is an effort to give construction management students the opportunity to apply the skills learned in the classroom to a real construction project. Students work on a management proposal for a specific project by completing an estimate, schedule, cash flow forecast and other essential elements of the proposal. The proposals are then submitted to a group of construction company executives who act as judges. Last year, 30 NAHB Student Chapters from across the nation participated in the competition.

Mission

The competition was established to give students an opportunity to demonstrate their ability to solve construction related problems and to compete with other institutions offering a bachelor's degree in residential construction related majors. Participants will obtain a real life experience in the residential construction business environment and gain valuable insight into their future career.

Eligibility

All PSU student chapter members are eligible to participate in the project; however, only a team of **no more than six student members** will be selected to participate in the 2009-2010 Residential Construction Competition at the International Builders Show. The individual team members must be undergraduate students who are active members of the PSU Student Chapter; and, must be available to travel from January 19-22, 2010 to participate in the Residential Construction Competition at the International Builders Show in Las Vegas, Nevada. Students who will graduate in the Fall 2009 semester **are** eligible to compete as a team member.

Requirements

The Residential Construction Competition TEAM (up to six members) will be required to:

- Attend the Hankin Committee Meeting on **November 12, 2009 from 12:00 – 2:15 p.m.** The team (or at least 2 representatives from the team) needs to give a 2-5 minute presentation (preferably PowerPoint) about their construction project. See Rhonda Decker for details.
- Attend the NAHB Awards Banquet on **November 12, 2009 from 6:00-9:00 p.m.** The entire team needs to be present to receive their travel award; however, 2 representatives from the team need to give a 2-5 minute presentation (PowerPoint) about their construction project.
- Participate in the Residential Construction Competition at the International Builders Show in Las Vegas, Nevada from **January 19–22, 2010.**
- In order to recognize significant academic value of the work leading to a competition project, a course CE 496A, Housing Competition Project, was established. Students must obtain permission from Dr. Bohumil Kasal to register for the course.

College of Engineering
HOUSING CERTIFICATE PROGRAM
Registration

_____ _____ _____
Name (Last) (First) PSU ID Major

_____ _____ _____
Local address E-mail Phone

Planned semester of graduation: _____

PLAN FOR MEETING CERTIFICATE REQUIREMENTS

COURSES

Prescribed Course

A E 470
_____
semester taken

Additional Courses: Choose 9 credits from the following: A B E 462, A E 432, A E/C E 542, A E/C E 597 (Wood Structures), C E 410W, R EST 301, R EST 420

_____
Course name and number Number of credits

_____
Course name and number Number of credits

_____
Course name and number Number of credits

Please submit completed registration to:
Hankin Chair Adviser
Civil and Environmental Engineering
219 Sackett Building
University Park, PA 16802

_____
Hankin Chair Adviser signature **Date**

Form_hh: 08/2007

FELLOWSHIP APPLICATION FORM

This is an award for full-time graduate students in Engineering. To apply for a Glunt Fellowship, please complete and return this application to Rhonda Decker - PHRC, 219 Sackett Building**.**

Please include: 1) an "Unofficial Academic Transcript"

2) an "Academic Course Plan" for the applicant's graduate program at Penn State, and

3) a 2-page typewritten statement of "Career Objectives" (both short- and longer-term) and your interest in and connection with the housing industry or houses (for details – see #8 below).

1. **Name:**_____

Last Name First Name M.I.

2. **Local Address:** _____

Street City/State/Zip Code

Telephone: _____

3. **Home Address:** _____

Street City/State/Zip Code

Telephone: _____

4. **Date of Birth:** _____ **Student ID #:** _____-_____-_____

5. **Major:** _____ **Email:** _____

6. Semesters you will have completed (at any institution) at the end of the Spring Semester 2009. _____

7. **Current faculty advisor:**_____ **Office Address:** _____

8. In writing your "Career Objectives", provide (very briefly) any other pertinent information concerning your circumstances that might be helpful in assessing your application, such as:

a) your work related experiences (including part-time, summer, etc.)

b) residential design or construction or real estate courses that you have taken while at Penn State or elsewhere

c) **relevance of your current or intended research project** to the housing industry

d) your involvement in the NAHB Student Chapter, if any

e) honors or awards that you have received

f) some indication of your financial situation (i.e. financial need - if you wish to provide this information)