



# PREPROFESSIONAL ACTIVITIES

The International Preprofessional Council (IPC) is pleased to offer the following activities during the Portland meeting. We encourage pre-registration. Student registration entitles you to most of the following events and the full technical program (sessions) free of charge.

## Saturday, July 8

### PREPROFESSIONAL/STUDENT MIXER

**SATURDAY, JULY 8** 4:00PM-5:00PM  
**Location: Exhibit Hall A**

All preprofessionals are invited to attend a mixer to kick off the convention in the City of Roses. Don't miss out on this chance to meet other students, take part in some friendly contests, and have some fun. Refreshments will be served.

Event #6

### PORTLAND UNDERGROUND TOUR

**SATURDAY JULY 8** 5:00PM-9:00PM  
**Departs from Oregon Convention Center**

Take an educational tour of the infamous "Portland Underground" that focuses on the Shanghai trade in the City of Portland from 1850-1941, as well as "white slavery," prohibition, and the history of the Industrial Workers of the World (IWW) labor movement in the Northwest. A never-before-seen agricultural twist to the Underground will be exposed based upon research completed early in 2006. In addition, the early history of the Chinese, Japanese, and Gypsies will be covered. The tour is operated by the Cascade Geographic Society (CGS) and provides a unique glimpse back into the hidden (or buried) past of the "City of Roses."

**COST: \$32 per person**

## Sunday, July 9

### OPENING CHAPEL

**SUNDAY, JULY 9** 8:00AM-9:00AM  
**Location: Oregon Ballroom 201/202**

All preprofessionals and professionals are invited to attend.

### POSTER COMPETITION

**SUNDAY, JULY 9** 9:00AM-11:00AM  
**Location: Oregon Ballroom 201/202**

Are you looking for an opportunity to share your research or design project and develop your technical communication skills? If so, get involved in the Preprofessional Poster Project Competition! This session encourages students to interact with industry, faculty, and fellow students by giving a technical poster presentation on an engineering project useful to agriculture and related areas. Winners will be announced at the AEM Awards Luncheon. Cash awards of \$500, \$300, and \$200 will be presented to first, second, and third place entries. Further information and entry forms are located on the ASABE Web site at [www.asabe.org](http://www.asabe.org), or contact Andy Lenkaitis at [alenkait@uiuc.edu](mailto:alenkait@uiuc.edu).

### INTERNATIONAL PREPROFESSIONAL COUNCIL BUSINESS MEETING

**SUNDAY, JULY 9** 12:15PM-2:15PM

**Location: Oregon Ballroom 201/202**

The nominations and election of the 2006-2007 International Preprofessional Council will be held at this meeting. Participants will also discuss and vote on issues that impact the student community of ASABE. Roll call will be taken, and the Student Mile Award will be given to the university with the most members traveling the longest distance. Make sure you are in attendance to help your school win the competition (not to mention a free t-shirt for those who attend!) Winners will be announced at the AEM Awards Luncheon.

### FOUNTAIN WARS PRESENTATION JUDGING

**SUNDAY, JULY 9** 2:30PM-4:15PM

**Location: Oregon Ballroom 201/202**

Come listen to short presentations detailing the creative designs of your fellow preprofessionals. Fountain Wars is a three-part competition based on a written report, oral presentation, and a building-and-testing phase. Official rules can be found at <http://www.biosystems.okstate.edu/Gunlogson>.

CPD #14

### PROFESSIONAL DEVELOPMENT SEMINAR

**SUNDAY, JULY 9** 4:15PM-5:30PM

**Location: Oregon Ballroom 201/202**

Sponsoring Committee: International Preprofessional Council (IPC)

**Level of Difficulty:** Non Applicable

Credit Hours: 1.25 Hours

Target Audience: Preprofessional/student conference attendees

Learning Objective: The Professional Development Seminar (PDS) will have a theme surround the Professional Engineer (PE). The goal of the PDS is to not only encourage preprofessionals to pursue their PE, but to also allow preprofessionals the opportunity to interact with current engineers as they describe experiences they have had related to being a PE.

4:15PM- Welcome & introduction, Jacob Bolson

4:20PM- Jim Dooley, Forest Concepts, LLC (consulting)

4:35PM- Dr. Joe Glass, California Polytechnic State University (academia)

4:50PM- Chris Nichols, Johnson Controls Battery Group (industry)

5:05PM- Keith Tinsley, Professional Engineering Institute

5:10PM- Open Forum, Q&A session with speakers

5:25PM- Closing remarks, Jacob Bolson

5:30PM- Dismissal

**COST:** No charge to registered Preprofessionals/Students  
\$45.00 to Full Meeting Registrants



Fountain Wars  
Competition  
located downtown at the  
Pioneer Courthouse  
Square



# PREPROFESSIONAL ACTIVITIES

**Sunday, July 9**

## **INDUSTRY-STUDENT EXCHANGE**

**SUNDAY, JULY 9**

**5:30PM-6:15PM**

**Location: Oregon Ballroom 201/202**

Industry representatives will be present to answer any questions you may have. The Exchange is a great opportunity for students who are trying to find out more about their industry of interest. The Exchange can be used as a tool to make professional contacts or to simply find out the recent advances in one's field. In a relaxed environment, you can learn about specific companies and get advice on career paths or plans of study from professionals who have been in your position. All you have to do is look for the sign designating your area of interest. All of the profession's technical areas will be represented, from biological engineering to power and machinery, so come and pose your questions to the people who know! The Personnel Service Contact Session is a chance to meet with prospective employers and an opportunity to find out specifically about your industry.

## **INTERNATIONAL AND FIRST TIME ATTENDEES WELCOME RECEPTION**

**SUNDAY, JULY 9**

**5:45PM-6:30PM**

**Location: Exhibit Hall A**

Non-U.S. attendees, guests with international interests, ASABE members, and first-time meeting attendees are invited to attend this reception. The International Commission, members of ASABE staff, and representatives from the ASABE Board of Trustees will be available to answer questions and provide information about the Society. Following the welcome and brief overview of the meeting, attendees are encouraged to join the general welcome reception from 6:30PM-8:00 PM.

## **ASABE WELCOME RECEPTION**

**SUNDAY, JULY 9**

**6:30PM-8:00PM**

**Location: Exhibit Hall A**

All meeting registrants are invited to attend this welcome reception. Start off the evening with a welcome from ASABE's President Otto Loewer and get acquainted with the general ASABE population in addition to networking with other attendees. Come relax and enjoy an informal evening with other ASABE members. Cash bar.

**Monday, July 10**

## **WHAT YOU DIDN'T KNOW ABOUT ASABE?**

**MONDAY, JULY 10**

**7:00AM-8:00AM**

**Location: B112**

An information session hosted by the Young Professionals Community to introduce new and old members alike to the many opportunities available in ASABE. Topics to be addressed include Getting the Most out of Meetings, ASABE Communities, ASABE History, Professional Licensure and how to get approval and funding to attend meetings and conferences.

## **OPENING GENERAL SESSION**

**MONDAY, JULY 10**

**8:00AM-9:30AM**

**Location: Oregon Ballroom 201/202**

The AE50 Awards will be presented recognizing cutting-edge developments in related technical fields. The keynote speaker for the General Session will be announced at a later date.

## **AGCO NATIONAL STUDENT DESIGN COMPETITION**

**MONDAY, JULY 10**

**9:30AM-10:30AM**

**Location: Oregon Ballroom 201/202**

The top three entries for the student design competition have been invited to this oral competition. Listen to these outstanding engineering design project presentations. Winners will be recognized at the Awards Recognition Luncheon on Wednesday.

## **K. K. BARNES STUDENT PAPER COMPETITION**

**MONDAY, JULY 10**

**10:30AM-11:30AM**

**Location: Oregon Ballroom 201/202**

Invitations will be extended to the top three entries in the student paper competition. You can hear the authors of outstanding papers make their presentations. Come support the students from your school who may be participating. Winners will be recognized at the Awards Recognition Luncheon on Wednesday.

## **GUNLOGSON ENVIRONMENTAL DESIGN COMPETITION**

**MONDAY, JULY 10**

**11:30AM-12:30PM**

**Location: Oregon Ballroom 201/202**

The top three entries for the environmental design competition have been invited to this oral competition. Listen to these outstanding engineering design project presentations. Winners will be recognized at the Awards Recognition Luncheon on Wednesday.

## **ASSOCIATION OF EQUIPMENT MANUFACTURERS (AEM) AWARDS STUDENT LUNCHEON**

**MONDAY, JULY 10**

**12:30PM-2:30PM**

**Location: Oregon Ballroom 203/204**

The Association of Equipment Manufacturers (AEM) is once again pleased to invite all the ASABE student members to attend the 68th Annual AEM Student Awards Luncheon. This event is a wonderful time to learn more about the professional side of the world as you dine. Luncheon reservations can be made with your student branch advisor and will be confirmed at the Preprofessional Business Meeting. Student Branch Advisors and AEM company members are also encouraged to attend. AEM company members are asked to contact AEM directly if they wish to attend the luncheon.

## **FOUNTAIN WARS**

**MONDAY, JULY 10**

**Location: Pioneer Courthouse Square**

**Construction 4:30PM-6:30PM**

**Judging 7:00PM-8:30PM**

Fountain Wars is a competition aimed at students in their sophomore and junior years of study. It provides students with hands on experience in engineering design, and most importantly the students have a great time. Teams are given an hour and a half to build a fountain that completes two technical tasks and provides an aesthetic display.

Event #27

## **FRIENDS AND FAMILY NIGHT PICNIC**

**MONDAY, JULY 10**

**5:30PM-8:30PM**

**Location: Pioneer Courthouse Square**

Monday night's Friends and Family Picnic will be held at the Oregon Convention Center. The itinerary for the evening's events are picnic 6:00PM-7:30 PM, and the G.B. Gunlogson Student Environmental Fountain Wars Design Competition, 7:00PM-8:30PM. There is no charge to attend the competition.

**COST: \$30 per person**



# PREPROFESSIONAL ACTIVITIES

**Tuesday, July 11**

## THE NEXT 100 YEARS – SPECIAL SESSION

**TUESDAY, JULY 11**

**8:00AM-9:30AM**

**Location: Oregon Ballroom 201/202**

Robotic tractors, talking plants, peanut-flavored microbes, flu vaccines from cows milk, and rain on demand. Are these in our future? What will be the engineer's role? Will ASABE still be going strong, or will it be absorbed by the Bioengineering Organizational Group of the United States? Who, what, and how will things be in 2107? Come with your crystal ball in hand and compare visions with these noted prognosticators.

Moderator: Art Johnson

- 8:00AM Introduction
- 8:05AM John Dooley, Forest Concepts
- 8:15AM Art Johnson, University of Maryland
- 8:25AM Robert Lanphier, AGMED Inc.
- 8:35AM Otto Loewer, University of Arkansas
- 8:45AM Allen Rider, RCG
- 8:55AM Mark Riley, University of Arizona
- 9:05AM Norman Scott, Cornell University
- 9:15AM R. Wayne Skaggs, North Carolina State University
- 9:25AM Discussion

## ASABE JOB FAIR

**TUESDAY, JULY 11**

**9:30AM-12:00PM**

**Location: Oregon Ballroom 203/204**

The ASABE Job Fair provides an opportunity for employers and potential employees to come together informally and share information. Employers register their job positions at the membership desk and receive an interview table number. These openings are posted with the table numbers by registration for review. Prospective employees are invited to seek out employers of interest and exchange information.

Event #36

## WOMEN IN ASABE LUNCHEON

**TUESDAY, JULY 11**

**11:30AM-1:30PM**

**Location: Oregon Ballroom 204**

The Women in ASABE luncheon is an informal luncheon open to all ASABE members. As only nine percent of ASABE members are women; this luncheon provides a unique opportunity to meet, socialize, and network with women members from across ASABE. Results of a survey of women faculty will be presented by Dr. Marybeth Lima and Alicia Abadie of LSU.

**COST: \$30.00 per person \$12.00 Preprofessionals per person**

## ASABE BUSINESS MEETING

**TUESDAY, JULY 11**

**12:30PM-2:30PM**

**Location: Oregon Ballroom 201/202**

ASABE President Otto J. Loewer will preside.

## DISTINGUISHED LECTURE

**TUESDAY, JULY 11**

**2:30PM-4:00PM**

**Location: B115**

### “Soil Compaction: How to Do It, Undo It, or Avoid Doing It”

Authors: Randy Raper, USDAARS NSDL

Mac Kirby, CSIRO Land and Water, Australia

Our Distinguished Lecture Series is honored to have two outstanding presenters for this session. Mac Kirby is a 25 year authority in research and consultancy experience in environmental and industrial physics, applied to various agricultural and industrial problems within Australia and internationally. Co-presenter Randy Raper is also a 25 year specialist in soil compaction. Randy is presently the Lead Scientist and Agricultural Engineer for the United States Department of Agriculture's Agriculture Research Service's National Soil Dynamics Laboratory.

Mac Kirby's research interests include the areas of soil structure decline and management in compaction and tillage of agricultural soils; irrigation, drainage, crop water use and water balance of agricultural soils; landscape hydrology; large scale spatial water balances of catchments hydrology; disposal of fluid wastes and consolidation, particularly tailings of the mining industry; industrial filtration; transportation of bulk cargoes, handling of industrial materials; advanced statistical and numerical analysis of the above.

Mr. Raper's research interest include the areas of measurements predictions, management and alleviation of site specific soil compaction; development of soil sampling methods to determine variability of soil physical parameters; development of conservation tillage systems to manage site specific soil compaction; residue management to facilitate crop production.

**Wednesday, July 12**

Event #46

## AWARDS RECOGNITION LUNCHEON

**WEDNESDAY, JULY 12**

**12:00PM-2:30PM**

**Location: Oregon Ballroom 203/204**

Plan to attend the most important recognition event of the year. Newly elected Fellows and recipients of major awards will be honored at this luncheon. Also recognized will be preprofessionals and other individuals that have made outstanding contributions to the profession during the past year. The installation of ASABE's 2006 President, Charles Sukup, will immediately follow the awards presentation.

**COST:** Included with full registration

Additional tickets \$35.00 per person

