

IOWA SECTION – ASCE ANNUAL MEETING

September 5-6, 2007

**Hotel at Gateway Conference Center
Ames, Iowa**

2007 Meeting Features

- The Iowa-Section annual meeting provides information on current practices and new techniques in civil engineering design, materials, and construction. The meeting also provides an opportunity to participate in the business issues of the Iowa-section, learn about emerging issues in the business of civil engineering, and take part in the annual recognition of Iowa section members through various awards. This year there is pre-meeting seminar on Wednesday morning as well as the traditional golf-outing on Wednesday afternoon.
- Attend the Wednesday morning pre-conference workshop and gain valuable practical skills to help younger engineers and emerging project managers -- indeed, all professionals -- learn the non-technical issues that are important to be more effective and happier in the real world. The speaker, Carl Selinger, originated his unique seminar to help engineers learn the so-called soft skills that are becoming more important in today's work world. He discusses these issues in plain English, offering many effective actions. The skills learned are applied directly and immediately - not on generalized, generic situations - but on real projects the seminar participants bring from their desks, important decisions they are confronting, and upcoming meetings they'll be attending/running.
- Take part in the annual golf outing on Wednesday afternoon, sponsored by the Central Iowa Young Member group in Iowa. A registration form is included with this announcement and can also be downloaded from the conference website.
- Learn more about how the state and local jurisdictions will seek solutions to the infrastructure funding challenges that lie ahead.
- Learn more about the innovative and challenging reconstruction/remodeling of Morrill Hall – one of the oldest buildings on the ISU campus.
- Learn more about the current and future biofuels initiatives in Iowa and the associated challenges with the supporting infrastructure requirements.
- Learn more about the design and construction of a pervious pavement parking facility on the Iowa State campus and the on-going post-construction monitoring.
- Increase your understanding of the revised Iowa regulations for landfill construction in Iowa.
- Increase your understanding of recent research on solving the “Bump at the Bridge” with new findings on abutment design.
- Learn more about an innovative “Column Supported Embankment” project located at East University Ave and I-235.
- Participate in a discussion of engineer/contractor survey and project staking responsibilities and how to avoid conflicts that lead to project construction issues.
- The recent Iowa-section Engineering Project Award winner was the Iowa River Dam Renovation at Iowa City, Iowa. Learn more about the site planning and design for this outstanding engineering project.
- Take part in the annual business meeting and see where you can get involved in the Iowa Section activities.
- End the day by meeting with your colleagues and conference participants at the annual social gathering and banquet to honor our award winners, scholarship recipients, and extend congratulations to the current and incoming officers for the Iowa section ASCE.



Program Schedule

Wednesday, September 05, 2007

8:00 – 12:00 AM **Technical Workshop:**

Topic: "**Stuff You Don't Learn in Engineering School: Skills for Success in the Real World**".
Speaker: Carl Selinger, Newark, NJ

12:00 – 1:00 Box Lunch

1:30 – 6:00 PM **Golf Outing Sponsored by Central Iowa YMG,**

Thursday, September 06, 2007

7:00 – 8:00 AM **ASCE Board of Directors Meeting**

7:30 – 9:00 Registration,

Morning Session

Presiding: Lyle Brehm, P.E., Iowa-section ASCE President Elect

8:15 – 8:20 Opening Comments – Dave Moeller, P.E., President, Iowa-section ASCE

8:20 – 8:30 **Welcome** – Jim Alleman, Ph.D., P.E., Chair, CCEE, Iowa State University

8:30 – 9:15 Topic: **Transportation Funding / Infrastructure Economics**
Speaker: Stuart Anderson, Iowa Department of Transportation

9:15 – 10:00 Topic: **Streetscaping: Design and Construction Protocols**
Speaker: Bill McCarley, P.E., Shive-Hattery, Inc., Cedar Rapids, IA

10:00 - 10:20 Break

10:20 – 11:00 Topic: **Morrill Hall Renovation**
Speaker: Scott Allen, RDG, Des Moines, IA

11:00 – 11:30 Topic: **Biofuels Production in Iowa: Current and Future Technology Issues.**

Speaker: Steven Fales, Ph.D., Associate Director, Office of Biorenewables Programs, Iowa State University

11:30 – 12:15 **Lunch**

12:15 – 1:30 **Annual Business Meeting**
Presiding: Dave Moeller

Afternoon Concurrent Sessions

Session A:

Presiding: Jenifer Croat, P.E.

1:45 – 2:15

Topic: **Pervious Pavement: ISU Lot 122 Demonstration Project**
Speaker: Stephen E. Jones, P.E., Civil Construction & Environmental Engineering, Iowa State University, Ames, IA.

2:15 – 2:45

Topic: **Landfill Regulations**
Speakers: Nina Koger and Amie Hart, Energy & Waste Management Bureau, Iowa Department of Natural Resources, Des Moines, IA

Session B:

Presiding: Marlee Walton, P.E., LSI

1:45 – 2:15

Topic: **Bridge Approach Settlement – Case Study**
Speaker: David White, Ph.D., Civil Construction & Environmental Engineering, Iowa State University, Ames, IA.

2:15-2:45

Topic: **Column Supported Embankment: Case Study at I-235 and University Avenue.**
Speaker: Bob Stanley, P.E., Iowa DOT, Ames, IA

2:45 – 3:00

Break

Joint Afternoon Session

3:00 – 3:45

Topic: **Engineer/Contractor and Survey/Staking Responsibility**
Speakers: To be announced

3:45 – 4:30

Topic: **ASCE Project Award: Iowa River Dam Renovation Project**
Speaker: Steve Jacobsen, P.E., NNW Inc., Iowa City, IA

4:45

Adjourn Afternoon Session

5:30

Evening Session

Social Hour and Cash Bar

6:30

Banquet

7:45

Awards Presentation – Dave Claman, P.E., Iowa-Section ASCE, Past President

8:30

Installation of new chapter officers – ASCE District 16 Representative
Adjourn

8:45

Wednesday Workshop

Carl Selinger's "**Stuff You Don't Learn in Engineering School**" seminars address the following concerns expressed by young engineers:

- Do you feel your engineering education fully prepared you for the real world?
- Are you able to cope with non-technical issues like dealing with clients and the public?
- Do you know how you'll react to more responsibilities in the future? *"How to manage time. Time to work. Time to relax."*
- Can you deal with difficult people?
- Do you need to develop better writing, speaking and listening skills that will help you advance in your career?
- Do you know how to cope with poor management and leadership skills of higher-ups? *"Trying to have ideas and offer them when you have the least experience in the group."*; and
- Are you afraid that things will change faster than you can learn them, thereby making you less competitive in your field?

Drawing from these and other concerns, Carl Selinger's "**Stuff You Don't Learn in Engineering School**" seminars provide straightforward, practical skills to help younger engineers and emerging project managers -- indeed, all professionals -- learn the non-technical issues that are important to be more effective and happier in the real world. Carl originated his unique seminar to help engineers learn the so-called soft skills that are becoming more important in today's work world. He discusses these issues in plain English, offering many effective actions. The skills learned are applied directly and immediately - not on generalized, generic situations - but on real projects the seminar participants bring from their desks, important decisions they are confronting, and upcoming meetings they'll be attending/running.

Who will benefit most from the "Stuff" seminar ...

- Engineers in the early stages of their careers, from entry-level Engineers-In-Training (EITs) through "emerging project managers";
- Engineers and other professionals who want to assume a greater management role; and
- Managers of engineers who wish to get refreshed on soft skills and be better able to coach their direct reports.

What are the "take aways" from "Stuff" ...

- **Practical, useful, down-to-earth tips and techniques** you can really use as soon as you get back to work -- and in your personal life ...
- **Solid understanding of many important "soft skills"** like: making decisions; running meetings; being effective as well as efficient (and knowing the difference!); setting priorities; effective teamwork; not fearing negotiating; dealing with

stress; finding out why you often don't understand other people (and why they often don't understand you!); improving your writing, speaking and listening skills; and, yes, being more creative ...

- **Increasing your confidence and comfort level so that you can better deal with - and excel - in the real world ... while being happier and less stressed!**



Carl Selinger

Carl Selinger is an independent consultant who develops business strategies and applies new technologies in the aviation and transportation industries. He holds civil and transportation engineering degrees from Cooper Union, Yale University, and Polytechnic University. Carl is an active member of the American Society of Civil Engineers (ASCE), the Institute of Transportation Engineers (ITE), the American Society for Engineering Education (ASEE), and Women's Transportation Seminar (WTS).

Carl has extensive college teaching experience: teaching urban transportation planning for 27 years; and graduate-level aviation and transportation planning courses. He is a contributing editor to IEEE Spectrum magazine, where he has written a score of articles in the past few years in the Career/Resources section. Carl has been a panelist on a Spectrum Career Accelerator Forum (CAF), is a national speaker for S-PAC and M-PAC, and has spoken to IEEE GOLD and Section meetings throughout the U.S. and Canada.

sejones@iastate.edu. For registration questions, contact Dee Baker at (515) 294-6229.

Registration Particulars

The advance registration fee for the workshop **Stuff You Don't Learn in Engineering School: Skills for Success in the Real World** is \$150 for ASCE members and \$165 for nonmembers, prior to September 5, 2007. The advance registration fee for the **Annual Meeting** is \$165 for ASCE members and \$190 for nonmembers, prior to September 6, 2007. An additional \$15 fee will be assessed for registrations received after September 6, 2007. A cancellation fee of \$20 will be assessed for pre-registration not cancelled prior to September 6, 2007. Substitutions are welcome at any time. The registration fee includes all scheduled meals and refreshments. Extra tickets for the evening banquet can be purchased for spouses or companions not attending the conference sessions. To facilitate your registration, please include a copy of the registration form with your payment and mail to University Conference Services, c/o Dee Baker, Iowa State University, 102 Scheman Building, Ames, IA 50011-1112. **You may register via FAX** by calling 515/294-6223 and transmitting a copy of the completed registration form containing complete credit card information. **On-line registration is also available at <http://www.ucs.iastate.edu/mnet/asceannual/home.html>.**

Special Needs

If you need accommodations for a disability or a dietary restriction, call Dee Baker at (515) 294-6229.

Emergency Messages

During meeting hours, messages may be left at (800) 633-9244 or faxed to (515) 294-6223.

Tax Deduction

The expense of continuing education, when taken to maintain and improve professional skills, is tax deductible. Contact your accountant for details.

Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, gender identity, sex, marital status, disability or status as a U.S. Veteran. Inquiries can be directed to the Director of Equal Opportunity and Diversity, 3210 Beardshear Hall, (515) 294-7612.

Location and Lodging

The meeting will be held at the Hotel at Gateway Center in Ames, IA (www.TheHotelAtGatewayCenter.com). The facility is located at the US Hwy 30 & Elwood Avenue interchange (Exit 146) in Ames. For those individuals needing lodging, a block of rooms has been reserved at the hotel for the workshop and meeting. Participants are responsible for making their own lodging arrangements. Call 1-800-367-2637 for reservations. Please mention you are attending the ASCE Annual Meeting. Additional lodging is located at:

University Inn and Suites	800-428-2874
Holiday Inn	888 400-9714
Country Inn and Suites	800-456-4000
Super 8 Motel	800-800-8000
Heartland Inn	515-233-6060
Hampton Inn	800-426-7866
Holiday Inn Express Hotel	800-465-4329
Best Western Starlight Village	515-232-9260

Spouses Program

No special program is planned this year for the spouses. A number of sightseeing opportunities are available in and around the Ames area, including the Brunnier Museum at the nearby Iowa State Center.

Professional Development

This meeting has been planned in accordance with the criteria established by the ISBELSE for professional development hours (PDH's).

Further Information

For questions about the meeting program contact Stephen Jones at (515) 294-3957 or

Workshop: Stuff You Don't Learn in Engineering School: Skills for Success in the Real World"

Wednesday, September 5, 2007

Iowa-section ASCE Annual Conference

Thursday, September 6, 2007

08-2413

Registration Information: * Mr. Ms. Mrs. Dr. Female Male

First Name _____	Middle Name (Initial) _____	Last Name _____
Company/Affiliation _____		Day Phone _____
E-mail _____		Fax Number _____
Mailing Address 1 _____		Night Phone _____
Mailing Address 2 _____		ASCE Member #: _____
City _____	State _____	Zip Code _____ Iowa County _____

Registration Fees:	<u>before 9/5</u>	<u>on-site</u>
<input type="checkbox"/> ASCE Member - Registration Fee	\$165.00	\$180.00
<input type="checkbox"/> Non-member Registration Fee	\$190.00	\$205.00
Workshop Registration		
<input type="checkbox"/> Registration Fee	\$150.00	\$165.00
<input type="checkbox"/> 2 nd Registration from same company	\$140.00	\$155.00
Conference plus Workshop Registration		
<input type="checkbox"/> Combined Registration Fee – Member	\$300.00	\$325.00
<input type="checkbox"/> Combined Registration Fee – Non-member	\$300.00	\$325.00
Additional Banquet Tickets: ___ #tickets @ \$28 each	_____	_____
Total	_____	_____

Please contact me, I have special dietary needs and/or need accommodations for a disability

It's easy to register!
On-line:
<http://www.ucs.iastate.edu/mnet/asce/annual/home.html>
Mail:
 Dee Baker
 University Conference Services
 Iowa State University
 102 Scheman Building
 Ames, IA 50011
Fax: (515) 294-6223

Method of Payment

Check (Payable to Iowa State University)

Credit Card **Visa** **MasterCard** **Discover**

Card Number _____ Exp. Date ____/____

Cardholder Name _____ Signature _____

Purchase Order (Please indicate billing address below, if different from above)

PO Number _____

Send invoice to: Name _____

Billing Address _____

Telephone/Fax: _____

(Only one registration per form – Duplicate for additional registrations)

* Iowa State University requests this information to pre-register you for a conference. No one outside the university, with the exception of participants in this conference, is routinely provided this information. If you fail to provide the required information, we cannot promise accurate registration.
 (Reference: Iowa Code, Chapter 22.11; Iowa Fair Information Practices Act)

Office Use Only