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Message from the Chairman

It's a great day to be a civil engineering educator!

I just returned from the American Society of Civil Engineers Annual Conference—the culminating event of ASCE's 150th anniversary celebration. It was a wonderful conference, not only because it provided an opportunity to reflect on our profession's extraordinary contributions to modern civilization, but also because the conference highlighted the central role of education in shaping the future of civil engineering. The conference featured a robust and well-attended Education Track, with strong technical sessions, workshops on teaching techniques and engineering outreach, an outstanding student program, and a highly successful "build-a-thon" for kids at the National Building Museum. And even beyond the Education Track, myriad discussions of ASCE Policy 465—the Academic Prerequisites for Professional Practice—rightly placed education at the forefront of the profession's efforts to meet the challenges of the future. It is hardly surprising that many of these conference events were led by members of the ASCE CE Division—J.P. Mohsen, Bill Kelly, Walt LeFevre, Renate Fruchter, Norm Dennis, Al Estes, Jim O'Brien, and Tom Lenox—to name just a few. Well done!



Of course, our own Annual Conference in Montreal this past summer was equally enjoyable. The CE Division acquitted itself well, with nine strong technical sessions and an overflow crowd at both our Rap Session and CE Banquet. I was particularly impressed with the number of fresh faces who joined us in Montreal. Special congratulations to Vince Drnevich, who was honored as this year's winner of the George Wadlin Award for his extraordinary contributions to civil engineering education.

Next year's annual conference will be held in Nashville, Tennessee, on June 22-25, 2003. Our Program Chair, Vince Drnevich, is already hard at

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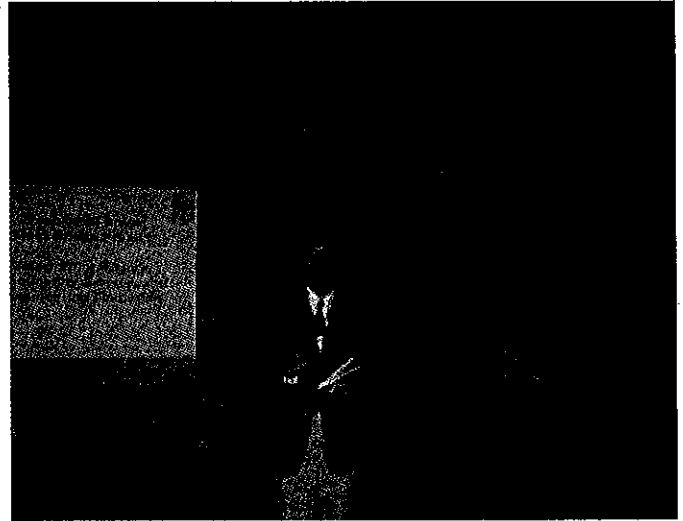
2003 ASCE Annual Conference

Nashville, TN, June 22-25, 2003

The Civil Engineering Division will host eight technical sessions, an Executive Committee breakfast, an Annual Business Meeting luncheon, a RAP session, a Planning Session for the 2004 Conference, a Social/Dinner for the C. E. Division, and the Chi Epsilon luncheon at the Conference.

The technical session topics include:

- **Where are Tomorrow's Civil Engineers? -** Recruiting students at the undergraduate level and at the graduate level (especially from predominantly undergraduate institutions)
- **Effective Teaching Strategies to Motivate and Retain Students in Civil Engineering**
- **Instructional Technology** – Meeting the educational needs and expectations of engineering learners
- **Defining the Body of Knowledge for Civil Engineering Practice and Implementing ASCE Policy 465 on the First Professional Degree**
- **Programmatic Curriculum Developments for the First Professional Degree** – Changes in the curriculum to prepare a new breed of civil engineers to face the challenges of the 21st century
- **Trends in Engineering Accreditation** – processes for selecting, training, assigning, and evaluating evaluators and recent trends in accreditation results
- **Use of Student Chapters to Enhance Academic Experience** - Formulas for success



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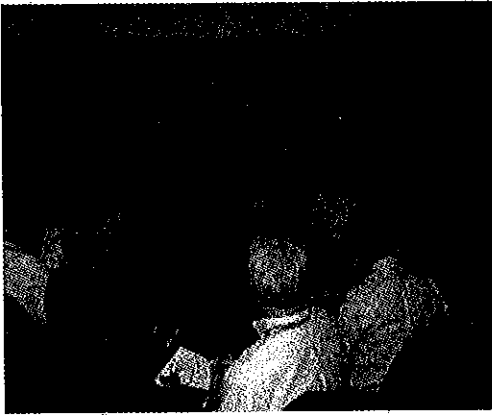
Come Join Us

Message from the Program Chair

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- **Introducing Experienced-Based Instruction into the Classroom** – The influence of co-op, internships, and work experience on civil engineering instruction and education

The Organizing Committee issued a Call for Papers for this Conference in early August. The Call closed on November 1st with 103 abstracts received, a 50% increase over the number received last year. Unfortunately, only 36 could be accepted for the eight technical sessions. Many of the remaining will be accepted for publication in the Conference Proceedings and will be available in the Multimedia Session of the Conference.



The Planning Session on Tuesday is an opportunity for everyone to get involved in planning the Civil Engineering Division sessions for the following year. After an introduction to the planning process, participants work in small groups to brainstorm session topics and themes. Our programs for the Annual Conferences are truly grass-roots based.

The traditional Civil Engineering RAP Session on Monday evening, always a memorable highlight of the Conference, will be held at the Jacobs Engineering Center at Vanderbilt University in Nashville. It will be a perfect setting for this event where people are invited to bring and demonstrate their favorite “Toys in the Classroom.”

The Tuesday evening Civil Engineering Division Social and Banquet will be held at a “uniquely Nashville” place and will be an event that you will not want to miss. We use this venue to present the Glen L. Martin Best Paper Award and George R. Wadlin Distinguished Service Award. This year we will institute and announce the first recipient of the Gerald R. Seeley Fellowship for new civil engineering educators.

Besides the Civil Engineering Division activities, there are many other activities at the Conference that start with a Sunday afternoon picnic, Plenary and Mini-Plenary Sessions, technical sessions of other Divisions and groups, and the Society-wide Banquet on Wednesday evening.

Start making your plans to attend the Conference. It will be fun and most worthwhile!

For more information, contact:

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Message from the Chairman

work on the technical program and has great news to report. Vince has received 99 abstracts for our nine CE Division sessions—a significant increase over last year. Vince has also arranged for our Rap Session to be hosted by the Vanderbilt University civil engineering program. No doubt the 2003 conference will be better than ever. Please mark your calendar now!

One administrative note: Last year, J.P. Mohsen initiated the use of e-mail to conduct our annual division elections. This innovation worked quite well, so I plan to continue the practice this year. Your “electronic ballot” will be arriving in your in-box soon. When you receive it, please support the division by voting early and often.

I am honored to serve as the Chair of the Civil Engineering Division this year. I am very fortunate to do so with the able assistance of our Secretary Treasurer, Marvin Criswell; our superb newsletter editor, Dennis Fallon; our directors and standing committee chairs; and, of course, our Program Chair, Vince Drnevich. These dedicated folks make the ASCE Civil Engineering Division the success it is today. Thank you all.

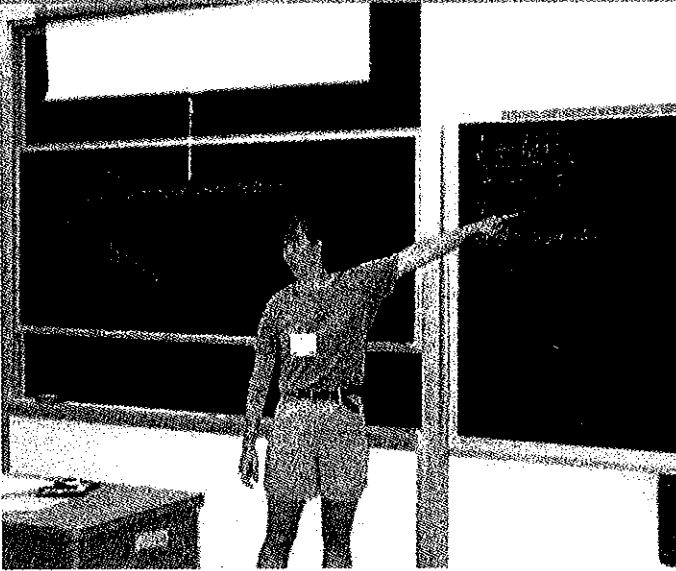
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ASCE Mission Statement

The American Society for Engineering Education is committed to furthering education in engineering and engineering technology. This mission is accomplished by promoting excellence in instruction, research, public service, and practice; exercising worldwide leadership; fostering the technological education of society; and providing quality products and services to members.

The Society seeks to encourage local, national, and international communication and collaboration; influence corporate and government policies and involvement; promote professional interaction and lifelong learning; utilize effectively the Society's human and other resources; recognize outstanding contributions of individuals and organizations; encourage youth to pursue studies and careers in engineering and engineering technology; and influence the recruitment and retention of young faculty and underrepresented groups.

ExCEED...Succeeds in Exceeding Expectations



Jo. S. Daniel giving a class at ExCEED's workshop

Under the umbrella of ASCE's Project ExCEED, which is dedicated to improving civil engineering education, the ExCEED Teaching Workshop (ETW) has completed its fourth year. The ETW is a one week workshop that provides 24 participating civil engineering educators with an opportunity to improve their teaching skills. As in previous years the successful ETWs were held at the University of Arkansas at Fayetteville and the United States Military Academy. For the first time, an additional workshop was held at Northern Arizona University in Flagstaff, AZ. The successful completion of all three ETWs at various sites marks a milestone for this program. Not only does this show that ASCE has made it a priority to help faculty members improve, it also shows that the demand for this exciting program by faculty

has not decreased in the world of civil engineering academia. In the past four years, ETWs have graduated a total of 188 faculty members.

The ETWs are open to all civil engineering faculty regardless of experience.

Workshop Objectives for the participants: Improve teaching skills; learn & apply theories of learning & teaching, learn teaching assessment skills; network with other educators interested in teaching, develop passion for teaching.

Conceived to improve the teaching of Civil Engineering, the workshop focuses on planning and delivering outstanding classroom instruction. It combines seminars to address topics of learning and teaching with live demonstration classes by faculty mentors. Participants apply what they have learned in the workshop by preparing and teaching three actual classes to colleagues and mentors. This collaborative, "learn by doing" format ensures that participants will make substantive improvements to their teaching skills by the end of the workshop.

In 2003 the ExCEED Teaching Workshop will again be held at three sites:

University of Arkansas – Fayetteville, AR – July 13 – 18, 2003

United States Military Academy, West Point, NY – July 27 – August 1, 2003

Northern Arizona University, Flagstaff, AZ – August 10 – 15, 2003

Continuing in 2003 as on-site Program Directors will be Dr. Norm Dennis at Fayetteville, Colonel Al Estes at West Point, and Dr. Deb Larson at Flagstaff, AZ.

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ExCEED...Succeeds in Exceeding Expectations

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Quotes from attendees:

West Point:

W. Cully Hession from the University of Vermont said, "Every college professor should have to take this."

University of Arkansas:

Mark French from the University of Louisville said, "Best ASCE program I have seen in my 10+ years as a member worth my dues!"

Northern Arizona University:

Tonya Emerson from the University of California, Chico said, "I wish all faculty could see this & be part of this."

The 2003 applications for the ExCEED Teaching Workshop are now available at <http://www.asce.org/exceed/>. All applications for the ExCEED Teaching Workshop should be postmarked by February 19, 2003. For more information on the ExCEED Teaching Workshop e-mail exceed@asce.org or call 800-548-ASCE ext 6267.

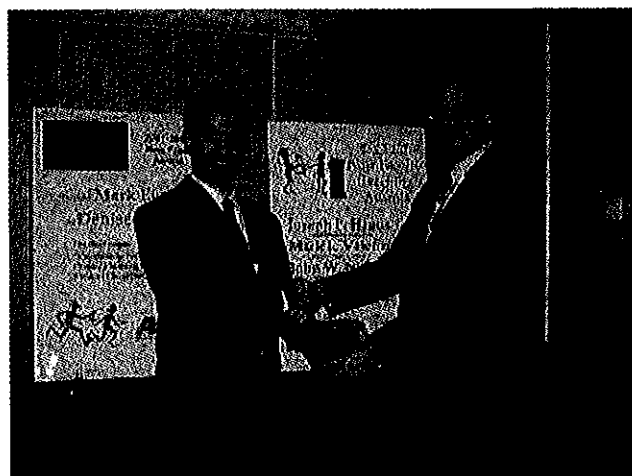
ExCEED Faculty Recognition Awards

ExCEED Faculty Recognition Awards

The first ExCEED Faculty Recognition Awards were presented to this year's recipients at the Education Breakfast held during the 2002 Annual Conference & Exposition in Washington, DC. The awards were created by EdAC's (Educational Activities Committee) Committee on Faculty Development to recognize and reward outstanding faculty members. Nominations for the ExCEED New Faculty Excellence in Teaching Awards and the ExCEED Career Award for Excellence in Teaching were submitted by faculty from across the country.

The ExCEED New Faculty Excellence in Teaching Awards were presented to four faculty members from each ASCE Zone. One ExCEED Career Award for Excellence in Teaching was presented to one outstanding faculty member. The winners for this year's awards were selected from a highly qualified pool of nominees.

The ExCEED New Faculty Excellence in Teaching Awards recipients are:



*Crist Khachikian receives award from
Norm Dennis*

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ExCEED Faculty Recognition Awards

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Zone I – Major Joseph P. Hanus, P.E. – United States Military Academy, Assistant Professor

Zone II – Mark Valenzuela, Ph.D. – University of Evansville, Assistant Professor

Zone III – John Nicklow, Ph.D., P.E. – Southern Illinois University at Carbondale, Assistant Professor

Zone IV – Crist Khachikian, Ph.D. – California State University, Los Angeles, Assistant Professor

The ExCEED Career Award for Excellence in Teaching recipient is:

Zone II – Michael E. Meadows, Ph.D., P.E. – University of South Carolina, Associate Professor

The 2003 Faculty Recognition Award nominations will be due by February 19, 2003. For more information on the 2003 ExCEED Faculty Recognition Awards go to <http://www.asce.org/exceed/>, e-mail exceed@asce.org or call 800-548-ASCE ext. 6267.

Learnon.org

Learnon.org, the continuing education initiative of the American Society for Engineering Education (ASEE), is the nation's online resource for continuing engineering education and distance learning, offering engineering professionals a searchable database of thousands of courses across all engineering disciplines.

At no cost, engineers can search the database by course subject matter, geographic location, price, or course provider. Listings include traditional classroom courses, distance learning courses, evening courses, weekend seminars and workshops, web-based courses, CD-ROM courses, and video courses; all of which are offered by U.S. engineering colleges and universities and engineering professional societies.

Learnon.org also contains articles, academic papers, conference announcements, news items related to continuing education and distance learning and useful links to all

George K. Wadlin Award

This award recognizes someone who made a major contribution to Civil Engineering education and has been a contributor to the CE Division of ASCE



2002 Recipient
Vince Drnevich

2001	Rich Anderson	1994	Fred Beaufait
2000	Bill Kelly	1993	James McDonough
1999	Donn Hancher	1992	Colby Ardis
1998	Bill Wilhelm	1991	Marvin Criswell
1997	Gerry Seely	1990	Ronald Eck
1996	Dan McGinley	1989	Glen Martin
1995	Walt LeFevre	1988	Peter Hoadley

Past winners

**The Civil Engineering Division of the
American Society for Engineering Education
proudly announces**

THE 2003 GERALD R. SEELEY FELLOWSHIP PROGRAM

The purposes of this program are:

- (1) To encourage new CE faculty members to become active members of the ASEE Civil Engineering Division.
- (2) To honor the memory of Gerald R. Seeley, a respected member of the division who died in 2001.

The fellowship consists of:

- (1) Reimbursement for conference registration and attendance at CE Division social events and business meetings, up to a maximum of \$500.
- (2) A certificate, to be presented at the CE Division Banquet at the conference.

To be eligible for the fellowship the person must:

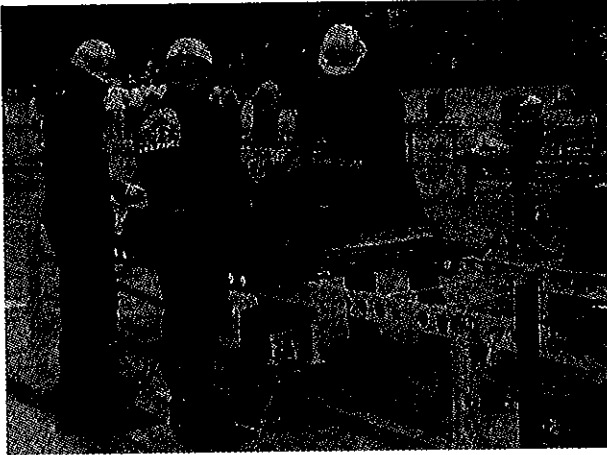
- (1) Be a current faculty member in civil engineering or a closely related field.
- (2) Have five or fewer years teaching experience.
- (3) Have already been selected to present a paper at a CE Division session at the upcoming ASEE Annual Conference.

To apply for the fellowship, a person must:

- (1) Indicate interest in competing for the fellowship by contacting the Civil Engineering Division Program Chair (For the 2003 Conference, this is Vincent P. Drnevich; e-mail: drnevich@purdue.edu) no later than December 13. Please provide a short (1-2 page) curriculum vita with the response.
- (2) Submit your proceedings paper via the on-line ASEE CAPS system, no later than January 15 (the ASEE-specified deadline).

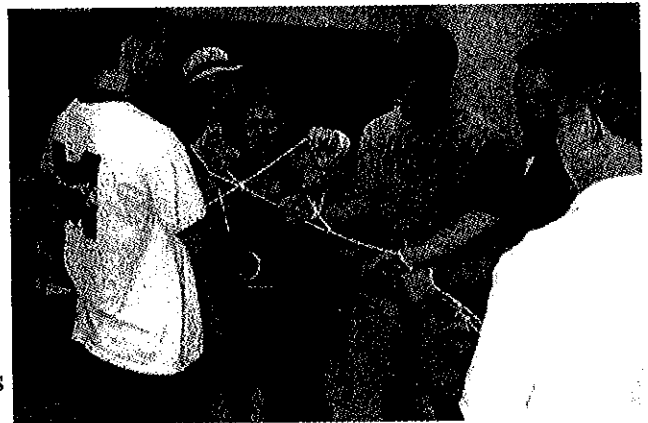
One winner of the Gerald R. Seeley Fellowship will be selected each year. The basis for selection will be the **quality of the proceedings paper**, as judged by the CE Division Fellowship Committee.

ASCE National Student Conference a Resounding Success

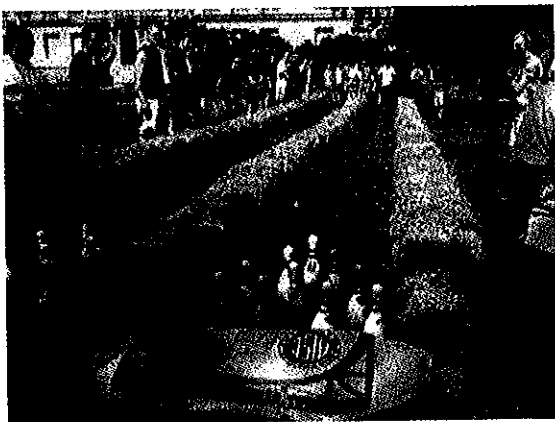


The American Society of Civil Engineers (ASCE) conducted its first-ever National Student Conference in Madison, Wisconsin, on June 21-24, 2002. Hosted by the University of Wisconsin-Madison ASCE Student Chapter, this once-in-a-lifetime event was held in celebration of ASCE's 150th Anniversary. The conference, jointly sponsored by the American Society of Civil Engineers, the American Institute of Steel Construction, and Master Builders, Inc., drew more than 1,200 registered participants from 112 ASCE Student Chapters, Clubs, and guest schools representing five countries.

The ASCE Committee on Student Activities (CSA) and University of Wisconsin-Madison ASCE Student Chapter spent three years planning and organizing the event, the brainchild of Robert B. Thorn of Finney and Turnipseed in Topeka, Kansas. Mr. Thorn is recognized as the longest serving ASCE practitioner advisor – working with the Kansas State University Student Chapter for more than 40 years – and is a strong advocate of student activities. According to Mr. Thorn, CSA's goal in conducting the conference was to broaden students' perspectives of the civil engineering profession, introduce students to the concept of professional meetings as a method of exchanging information and networking, and provide opportunity for students to apply classroom knowledge to hands-on projects and develop leadership skills.



The years of planning culminated in four days of activities that were both challenging and fun for students as they demonstrated their problem-solving skills and teamwork.



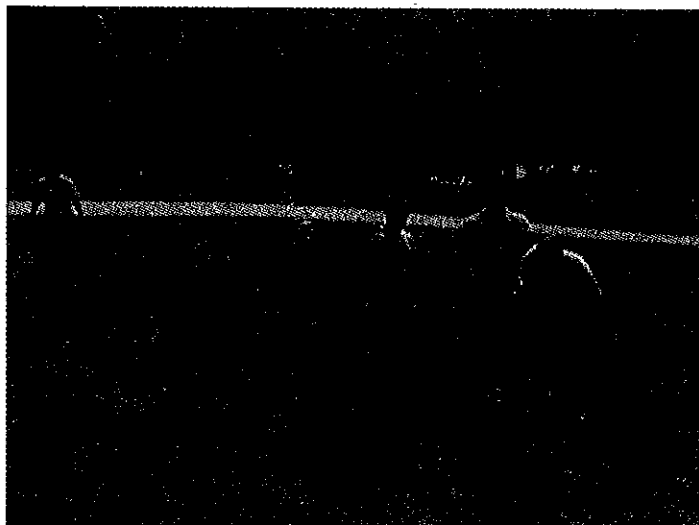
Events included: concrete bowling, balsa wood bridge design and construction, water treatment competition, surveying, K'nexercise, resume and interviewing skills sessions, history and heritage sessions, paint-a-thon service project, civil engineering project tours, leadership sessions, a career fair, and the mystery event. There truly was something for everyone. One of the most popular events proved to be the mystery event, which consisted of a series of leadership reaction courses developed by cadets at the United States Air Force Academy. It tested students' leadership and teamwork skills as they balanced hula hoops, untangled ropes, and

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ASCE National Student Conference

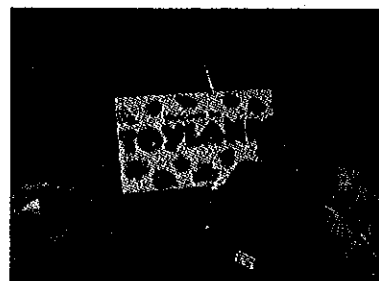
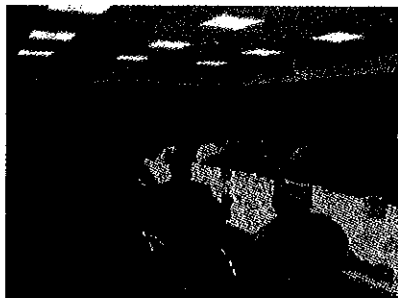
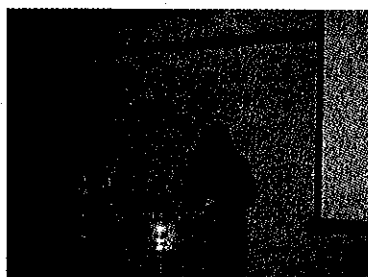
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climbed through tunnels.

To add to the excitement, for the first time ever three annual ASCE student events – the National Daniel W. Mead Student Contest, the National Student Steel Bridge Competition, and the National Concrete Canoe Competition – were held at the same time and in the same location. Tamara Larson, a University of Wisconsin – Madison senior, won the National Daniel W. Mead Student Contest for her paper and presentation on professional ethics. The National Student Steel Bridge Competition first place overall went to North Dakota State University, while Clemson University battled stiff competition to take top honors in the National Concrete Canoe Competition.



Conference co-chair Kelly Payne summed it all up when he said, “The conference was a huge undertaking by some dedicated volunteers and staff, but the hard work really paid off. Everyone learned a lot and had fun participating in the conference activities. I’m sure the students, faculty, volunteers, staff – all those involved – will remember this for a very long time.”

Scrapbook from Montreal



Division Officers for 2002-2003

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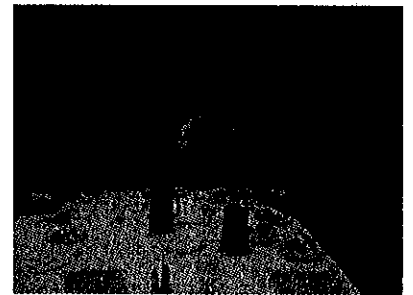
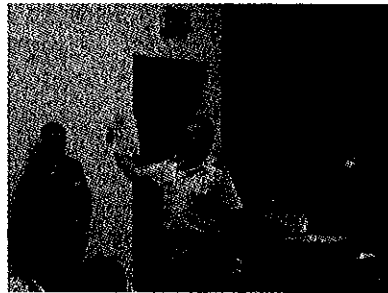
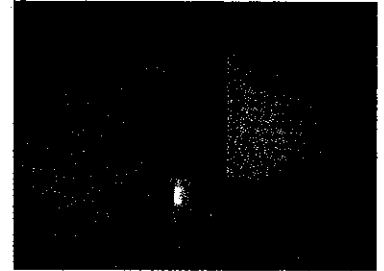
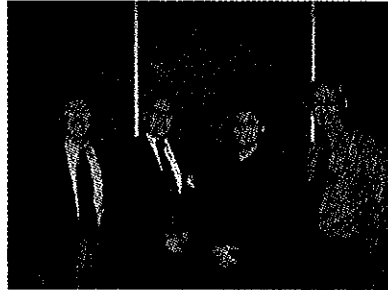
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Division Web Site

<http://www.asce.org/volunteer/html/civil>

Scrapbook from Montreal



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