steel bridge competition
Emile W. J. Troup

The Third Annual ASCE Student Chapter Steel Bridge Competition was held on November 2, 1991 at Tufts University in Medford, Massachusetts.

Student Chapters from five New England colleges competed, and Norwich University of Northfield, Vermont was judged the overall winner. The other student chapters that competed were Tufts University, University of Vermont, University of Maine and Northeastern University.

The competition, which is sponsored by the American Institute of Steel Construction, requires a team from each student chapter to design and build a 20-ft span structural steel bridge across an imaginary river. The bridges are judged on speed of construction, lightest weight, most economical, least deflection under a 2,500 lb load, and best appearance.

Norwich won three individual awards along with the overall prize, while Tufts bridge was lightest and most economical. The prize for best looking bridge went to the University of Vermont. While not winning any first place awards, the Northeastern team won several second and third place awards.

Members of the Structural Steel Fabricators of New England assisted each of the student chapters with the fabrication of the steel bridge components. Professor Chi-Ming Uang advised the students on this project and Franklin Davis '60 President of Precise Fabricating Corporation, provided materials for the bridge.
James Avitable '80, currently Associate Director of Highway and Infrastructure for Vanasse, Hangen, Brustlin, hosted and presented a seminar for seniors taking Professor Schoon's transportation capstone design course. The seminar was held at VHB's Watertown office.

William Band '91, has taken a position with Ebasco Services Inc., and is currently on a temporary assignment in Knoxville, Tennessee.

Brian Best '85, graduated from Seton Hall University School of Law in June 1991.

Paul Boord '74, is currently a Vice President with Malcolm Pirnie, Environmental Engineers, Scientists & Planners in Boston.

John F. Donovan '72, presented a paper, "Operations at the Hartford, Connecticut 53dtpd In-Vessel Sludge Composting Facility" at the Water Environment Federation's annual conference held in Toronto.

Mark Evans '81 and Denise (Beaumont) Evans '80, are the proud parents of a new baby girl, Rosemary Lauren, born January 20, 1992. This makes three girls!

Robert Hauser, Jr. '67, presented a paper, "Managing Ash from the Combustion of Solid Waste" at the annual conference of the Solid Waste Association of North America in Cincinnati.

Robert Marini '54, was also featured in a three-page interview for the January 1992 issue of Graduating Engineer.

Owen MacDonald '72, co-presented "Computer-Aided Transportation Planning on the Central Artery Tunnel Project" to the Computer Group of the Boston Society of Civil Engineers. Owen is a project engineer for Bechtel/Parsons Brinckerhoff in Boston.

Joseph Metelski '61, donated six season tickets for the Northeastern Hockey and Basketball seasons to the student chapter. Mr. Metelski's support of the University and its Athletic Department entitled him to these tickets, and it was his wish that the student chapter utilize and enjoy them.


Michael Powers '71, was appointed Executive Vice President and Director of Engineering at Symmes, Maini & McKee Associates Inc. in Cambridge, Massachusetts.

Alan Smith '81, is the supervisor of the Geotechnical Testing Lab at Stone & Webster Engineering in Boston.

Emile W. J. Troup '62, president of the Boston Society of Civil Engineers/ASCE Section, represented the Society at a freedom party celebrating the liberation of the Baltic states of Estonia, Latvia, and Lithuania last November. He also offered BSCE/ASCE's help in advancing the profession of civil engineering in the Baltic states.
N. U. ASCE Student Chapter Winter 1992 Lecture Series
12:00 noon on Thursdays in 168 Snell Engineering Center

16 January
Schoharie Bridge Collapse
New York Thruway, 1987
by Richard Bovee, P. E.
of Clough Harbour & Associates

23 January
Jump-Starting Your Career
How to Get Started?
by Doreen Hodgkin
of N. U. Career Development & Placement Center

30 January
Construction Management Aspects
of The Boston Harbor Cleanup Project
by Marshall Lee
of Massachusetts Water Resource Authority

6 February
International Place: Highrise
Construction in a Downtown Area
by Philip Coleman
of Turner Construction

13 February
Non-Destructive Bridge Inspection and Testing
by Vahid Ownjazayeri P. E., Hayden-Wegman Inc.
John Grieco P. E., Hayden-Wegman Inc.
Mary Grieco P. E., Massachusetts DPW

20 February
Geotechnical Aspects of
Third Harbor Tunnel Project
by Steve Cramer
of Haley & Aldrich Inc.

27 February
Vacuum Extraction Technologies
For Remediating Soil Contamination
by William Glynn
of Camp Dresser & McKee Inc.

5 March
Ocean Engineering
by Professor Judith Kildow
of Massachusetts Institute of Technology

21 November
Modern Landfill Design
by Professor Mark Evans
of Northeastern University

Not surprising, several of the above speakers are also civil engineering alumni, specifically: Richard Bovee ’68, Professor Mark Evans ’81, John Grieco ’83, Marshall Lee ’77, and Vahid Ownjazayeri ’83.
Rich Fox was an active participant when the seven EdAC committees of the ASCE met recently in Boston for their annual committee weekend. The committees talked about various educational matters such as continuing professional development and relationships with universities and students.

Ken Leet was named acting Chairperson for the Civil Engineering Department while Mishac Yegian is on sabbatical leave for the winter and spring quarters.

Rick Scranton was named Associate Dean for Undergraduate Affairs for Northeastern's College of Engineering as of January 1, 1992. Rick will continue to teach an undergraduate civil engineering course in probability. Peter Furth assumed the duties of undergraduate curriculum coordinator for the Civil Engineering Department.

asce national convention

The Civil Engineering Alumni Association sponsored Paul E. Dietrich '92, the current Student Chapter Program Coordinator, to attend the ASCE National Convention held this past fall in Orlando, Florida. During the convention he attended several sessions about waste site remediation and the development of the Disney Complex. Paul also attended the keynote luncheon, which focused on the military preparation for Operation Desert Storm and how the civil engineering branches of the Armed Forces functioned and were deployed. Additionally, he attended the student breakfast and luncheon where speakers focused on the retention of young engineers and interviewing techniques. While in Florida, Paul also was able to visit a 2.6 MGD Reverse-Osmosis Plant on Sanibel Island. This plant treats brackish water from a deep water well for the Island's residents. Paul expressed his appreciation to the alumni organization for the financial support necessary to attend this year's convention.

in memoriam

Ramone Daniel Dodge, a sophomore in the class of 1995, was killed last December when he was accidently struck by a truck while home on vacation break. Ray had just finished his exams and had returned home to Hampden, Maine. He was scheduled to start his first co-op assignment at the Environmental Protection Agency in Boston in January. Ray was a Dean's List student, and it was his dream to "build big, impressive structures." The Civil Engineering Alumni Association sent a contribution to the scholarship fund established in his memory.
Northeastern University
Civil Engineering Alumni Organization

Annual Dues Notice - Final Notice
For the year July 1, 1991 to June 30, 1992

The Northeastern University Civil Engineering Alumni Organization was formed in 1978 to assist engineering students and to expand the capabilities and resources of the Student Chapter of ASCE. NUCEAO also has the purpose of enhancing the relationship between alumni and the Department of Civil Engineering and its faculty. Revenues from annual dues primarily cover administrative expenses such as: mailings, gifts and awards presented at the Annual Alumni Dinner, and newsletters. You are encouraged to voluntarily contribute to either or both of the special funds that have been established by NUCEAO to assist the Student Chapter and the civil engineering student body in general.

NUCEAO Student Chapter Assistance Fund

This fund was established to assist Northeastern's ASCE Student Chapter. Recent examples of past assistance include: printing of the Student Chapter Annual Report, donations to their community service projects, and donation toward the cost of students attending ASCE annual or regional conventions.

NUCEAO Scholarship Fund

Each year at the Annual Alumni Dinner the Northeastern University Civil Engineering Alumni Organization recognizes civil engineering students who demonstrate outstanding professional promise and have contributed to the quality and reputation of the undergraduate civil engineering program at Northeastern. Donations to this scholarship fund are used to award two Outstanding Civil Engineering Student Achievement Awards and last year two $1,000 scholarships were awarded to two juniors in the class of 1992.

Name: ___________________________ Class: _______

Address: _____________________________________________________________

City: __________________ State: _______ Zip: _______

Annual Dues for 1991 - 1992 $ 15.00

Individuals who graduated in 1951 or earlier are not required to pay annual dues. Members of the class of 1991 receive their first year membership free.

Contribution to Student Chapter Assistance Fund $ _______

Contribution to NUCEAO Scholarship Fund $ _______

Total Remittance (Thank you!) $ _______

Please make your check payable to NUCEAO and send along with this form to:

NUCEAO
c/o Professor Robert Tillman
202 Stearns Center
Northeastern University
Boston, MA 02115

NUCEAO/ 125 Richards Hall/ Northeastern University/Boston, MA 02115/ (617) 437-3186
ANNUAL MEETING
AND
ALUMNI DINNER

The NUCEAO Annual Alumni Dinner and business meeting will be held on Tuesday April 14, 1992 at the Northeastern University Ballroom located in the Eli Center, from 6:00 - 10:30 p.m. As we have done in the past a social hour will be held from 6:00 - 7:30 p.m. Dinner will be served at 8:00 p.m. followed by awards and guest speakers. Election of new officers will be held at the business meeting.

The cost for the evening is $20.00 per person. Further information may be obtained by contacting Joanne Murphy, Alumni Coordinator at (617) 437-3186. Please complete and return the bottom of this letter by April 10th to insure your reservation(s).

The annual dinner provides a good opportunity to see old friends and classmates, meet new people, and enjoy a relaxing dinner. Please mark your calendars and plan to attend the annual dinner.

NAME: __________________________
CLASS: _________________________
GUEST(S): _____________________
ADDRESS: _____________________
CITY: _________________________
STATE: ________________________
ZIP: __________________________

NO. ATTENDING @ 20.00 PER PERSON: ________________________
AMOUNT ENCLOSED: ________________________

PLEASE MAKE OUT YOUR CHECK TO NUCEAO AND RETURN IT TO THE ALUMNI RELATIONS OFFICE, 346 RICHARDS HALL, NORTHEASTERN UNIVERSITY, 360 HUNTINGTON AVENUE, BOSTON, MASSACHUSETTS 02115.

NUCEAO 346 Richards Hall Northeastern University Boston, MA 02115 (617)437-3186
treasurer's report
R. Tillman

Period: July 1, 1991 to February 15, 1992

Receipts

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$ 6,150.93 Total Income

Expenses

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$1,246.60 Total Expenses

Balance on Hand February 15, 1992 $ 23,449.50

Robert R. Tillman
Treasurer, NUCEAO

membership
update
R. Tillman

As of February 15th, there were 199 paid members, 42 Life-time members, and 42 class of 1991 members of the Northeastern University Civil Engineering Alumni Organization. Contributions received to date included: $2,640 for dues, $1,180 for the Student Chapter Assistance Fund, and $1,435 for the Awards Fund, for a total of $5,255.

If you do not pay your annual membership dues each year, you become an "inactive" member of the Civil Engineering Alumni Organization. Your membership dues help support alumni activities such as programs and the newsletter. So, even if you are not involved in committee work or leadership roles, we appreciate your support through active membership status. Thank you for renewing your membership this year.

ATTN: Bob Tillman
NORTHEASTERN UNIVERSITY
Civil Engineering Alumni Organization
202 Stearns Center
360 Huntington Avenue
Boston, MA 02115

Northeastern University
Address Correction Requested