50th anniversary harbor cruise

On May 11 the Student Chapter celebrated its 50th anniversary with a Boston Harbor cruise. Over 220 students, faculty, alumni and guests boarded the Fort Independence at Long Wharf for entertainment, socializing and a chance to win raffle prizes. The Student Chapter catered a buffet dinner on the lower deck while a DJ turned the middle deck into a dance floor. The top deck provided sunset views of the Boston skyline. Professors Bob Meserve and Rick Scranton conducted a program honoring student chapter members past and present and recognized Robert Snowber, long time Contact Member for the Student Chapter, with a antique surveying instrument mounted with a commemorative plaque. Richard Fox, chapter advisor, gave shirts to cruise organizers, Dino D'Emilia '91, Brian Cutler '91, and Anne Vincent '93 and concluded with calling winners of the raffle contest. Professors Ken Leet and Rick Scranton won prizes, but alumni Emile Troup '62 and Michael Melnick '63 won the 1st and 2nd place prizes. First prize was an antique surveying transit, still in working order.

student chapter fall lecture series/field trips/social activities

The fall lecture series has been developed with what we believe to be ten very interesting topics. Northeastern University Civil Engineering alumni Rita Mikaelian, Nancy Beaton (Kelley) and Andrew Boyd are among the presenters for the fall. Visiting Professor Michael Dukakis is also going to talk to the Chapter about the history of the Massachusetts’ highway and mass transit systems. The series concludes on December 5 with the presentation of the 1991 ASCE Zone 1 Vice President’s award to the Chapter by Mr. Satoshi Oishi, chairman of Edwards & Kelcey and Vice President of ASCE Zone 1. This is the seventh time that the Chapter has won this award in the eight years the award has been presented.

To help supplement the lecture series the Chapter is planning field trips to the Deer Island project as well as the North Station MBTA garage construction.

Social activities are always important and the Chapter is now planning for a trip to a local comedy club, the Museum of Science Omni Theatre and also various sporting events against other engineering groups and possibly the faculty.

The complete ASCE Student Chapter Fall Lecture Series can be found on page 3 of the newsletter.
The ASCE Student Chapter is planning a very active Fall '91 quarter. Some of the activities planned include the undertaking of a new community service project, first time entrance into the Steel Bridge competition, the hosting of a visit of civil engineering students from Montreal, along with social activities, the Fall Lecture Series and field trips.

**Community Service Project**

The Chapter has given the community service project one of its highest priorities for the fall. This summer, the Chapter investigated various projects in the Boston area and decided on a site in Jackson Square. The site is an elderly housing complex that is run by the Boston Housing Authority. Behind the building is a run down recreation area that is unusable by the tenants of the building. The Student Chapter is beginning to work with the BHA to finance and design a new landscape for the area as well as design a structure that will provide shade from the hot summer sun.

**Steel Bridge Competition**

This fall is the first time the Chapter has decided to enter into the AISC Steel Bridge Building Competition. The competition, which is to be held in November at Tufts University, requires each school to design and build a 20-foot steel bridge. The entries are judged on the strength-to-weight ratio, construction techniques, aesthetics, and cost of construction. This competition requires the students to contact local steel fabricators for help in acquiring materials and in the building of the bridge. Professor Chia-Ming Uang will be advising students on this project.

**Visiting Students from Montreal**

In October approximately 30 civil engineering students from Montreal are coming to Boston to visit the Boston Harbor Cleanup and Central Artery projects. Our Chapter is helping the students find accommodations and is also helping supplement the visitors' itinerary with trips to the Quabbin Reservoir and its associated water supply system and possibly to an engineering consulting office. And, of course, our Chapter members are going to show the Canadians what civil engineers do in Boston after the lights go out and the books get put away.

**Concrete Canoe Competition**

The concrete canoe competition was held last April on the Charles River with 18 New England chapters participating. This was our Chapter's second attempt at the races, and we were out to improve upon last year's results. Three Northeastern crews were victorious. Dan Webb '93 and John Meyers '93 took home first place in the men's long distance, Marc Papini '94 and Greg Bazydola '94 finished third in the men's sprint and Bob Tillman '72 and our faculty advisor Rich Fox worked hard to nose out Wentworth Institute of Technology for second place in the faculty race. In the overall competition, which included an oral presentation, aesthetics, design and racing points, Northeastern came in third place behind second place University of New Hampshire and the first place University of Maine.
N. U. ASCE Student Chapter Fall 1991 Lecture Series
12:00 noon on Thursdays in 168 Snell Engineering Center

26 September
The Design of the North Cambridge Landfill:
From Eyesore to Asset
by Nancy Beaton and John Kissida
of Camp Dresser & McKee

3 October
Applications of Precast/Prestressed Concrete
by Rita Mikaelian
of the Precast/Prestressed Concrete Institute

10 October
Construction of the Jamestown Bridge
by Richard Karl
of Atkinson-Kiewit

17 October
Chemically Enhanced Primary Treatment;
Feasible Alternative for the Boston Harbor Cleanup?
by Donald Harleman
of Massachusetts Institute of Technology

24 October
Restoration of Faneuil Hall and
the Old State House
by Ralph Tolbert
of Goody Clancy & Associates

31 October
Politics, Economics and Engineering; A History of
Massachusetts' Highway and Mass Transit Systems
by Professor Michael Dukakis
of Northeastern University

7 November
Building a Consensus for the New
Prudential Center Complex
by Andrew Boyd
of Parsons Brinckerhoff Quade & Douglas

14 November
Massport's Master Plan for the
Future of Logan Airport
by George Johnson
of Massport Engineering Division

21 November
Communication, Team Work, Ethics;
Keys to Survival in the Engineering Workplace
by Robert Hickman
of Whitman & Howard, Inc.

5 December
The Future of Civil Engineering;
Who's Running this Train Anyway?
by Satoshi Oishi
Chairman of Edwards & Kelcey, Inc.

Mr. Oishi will present the Chapter with the
1991 ASCE Zone I Vice-President's Award
Dr. Thomas C. Sheahan has been appointed as an Assistant Professor starting this fall. Tom's speciality is geotechnical engineering, with specific attention to the behavior of clay soils. He is a recent Ph.D. graduate of MIT and also holds a B.S. degree in civil engineering from Union College. Dr. Sheahan will teach and conduct research in soil mechanics, foundation engineering, and modeling of geomechanical systems. Before coming to Northeastern, Tom was a teaching and research assistant and a National Science Foundation Fellow at MIT and worked in both the private sector and the U. S. Navy Civil Engineer Corps, where he served as Officer-in-Charge for five years. He recently published an article with J.T. Germaine and C.C. Ladd entitled, "Automated Triaxial testing of Soft Clays: an Upgraded Commercial System," in ASTM Geotechnical Testing Journal.


Robert Kirby ’69 was promoted to the position of Senior Vice President at Woodward-Clyde Group, Inc. in Overland Park, Kansas. Bob will be in charge of the company's Hazardous/Solid Waste Management and Engineering Practice Group. Bob's son Chris is a civil engineering middler and is on co-op at Natgun Corporation in Wakefield this fall.

Carol Lamb Lucas, '84, was appointed director of quality management at Dyn-Corporation at Fort Irwin Division, California.

James F. McDonough ’62, Associate Dean of Academic Affairs, University of Cincinnati, was conferred the Fellow grade of membership in the American Society of Engineering Education. This recognition by the Board of Directors is for unusual professional distinction. The number of Fellows recommended each year cannot exceed one tenth of one percent of the current individual membership.

Dr. Albert B. Pincince, '63, was recently promoted to Senior Vice President of Camp Dresser & McKee, Inc. in Cambridge.

Donald Wood '72, Hydraulic Engineer for the U. S. Army Corps of Engineers, New England Division was one of the featured speakers at the BSCE/ASCE Section joint meeting of the Hydraulics & Water Resources, Computer and Waterways Ports Coastal & Ocean technical groups. Don discussed some on-going studies being addressed with 2-dimensional model studies including the Boston Harbor Navigation Study and the Saugus River.

Robert S. Booth, Jr., 62, of Cohasset, owner of E. W. Branch Engineering Company, Quincy, died in August after suffering a heart attack. Although Bob was not a graduate of Northeastern, he, none the less, had a direct hand in the education of several hundred civil engineering students through the cooperative education program.
Northeastern University
Civil Engineering Alumni Organization

Annual Dues Notice - Second 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:  
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
September 11, 1991

Mr. Robert Tillman
202 Stearns Center
Northeastern University
Boston, Massachusetts 02115

Dear Bob:

I hope you will print this letter or a synopsis of it in the next edition of the Northeastern University Civil Engineering Alumni Organization Newsletter. I think the newsletter is a wonderful vehicle for getting the word out to all of our alumni who should be very interested in the activities going on at The Engineering Center. I am serving as President of The Engineering Center for this year (July '91 to June '92) as well as being Chairman of the Fundraising Steering Committee.

For our alumni who may not know, The Engineering Center is an umbrella organization made up of three primary sponsoring organizations which include the Boston Society of Civil Engineers, the American Consulting Engineers Council of New England, and the Massachusetts Association of Land Surveyors and Civil Engineers. Each of these organizations have many alumni of Northeastern University's Civil Engineering Program who have been very active in the development and promotion of The Engineering Center as a concept and reality among their membership. One of our major goals at the Center is to promote the good work engineers and other design professionals perform that effects the quality of life for all of us.

At this time, we are in the final stages of a major fund raising campaign to pay for our headquarters building at One Walnut Street on Beacon Hill in Boston. We have currently raised over $1,350,000 toward our goal of $1,655,000. I hope that each and every Civil Engineering alumnus of Northeastern University has or will contribute to our fund raising effort to help make it a success. We need your help now, both financially and in support of the mission of The Engineering Center.

Thanks in advance for your support.

Very truly yours,

Frederick G. Aufiero

FGA/bac:fgatecpr.rpt

cc: Emile Troup
treasurer's report

R. Tillman

Period: July 1, 1991 to September 30, 1991

Receipts

Dues, Student Chapter Fund, 2,860.00
and Award Fund
Returned from Student Chapter 250.00
Interest 311.09
Total Income $3,421.09

Expenses

Newsletters 275.50
Balance on Hand September 30, 1991 $21,690.76

$275.50 Total Expenses

Robert R. Tillman
Treasurer, NUCEAO

membership update

R. Tillman

As of September 30th, there were 105 paid members and 65 class of 1991 members of the Northeastern University Civil Engineering Alumni Organization. Contributions received to date included: $1,470 for dues, $655 for the Student Chapter Assistance Fund, and $725 for the Awards Fund, for a total of $2,860.

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