NUCEAO
Northeastern University Civil Engineering Alumni Organization

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We are 4,800 Strong!!!

Did you know that there are over 4800 Northeastern Civil Engineering Alumni? That is almost five thousand men and women who have left Northeastern with a BS in civil engineering and made their mark in the world. Just take a moment to imagine the magnitude of the contribution that 4800 Northeastern civil engineers have collectively added to society.

We should all take note of our pride and recognize our obligations to the current civil engineering students still studying on Huntington Avenue waiting to join our ranks.

Read on in this newsletter and see what is going on back on campus, what some of your old professors are doing, and how we, as a networked organization, can make a difference in so many ways.

MARK YOUR CALENDARS

Thursday March 16 lunch at Anthony’s Pier 4 featuring Maureen McDonough ’82 from the Massachusetts Port Authority. (post the flyer on page 11 in your office.)

Wednesday May 10 NUCEAO Annual Dinner and Business Meeting on the Northeastern University Campus. (see page 4 for more details)

Details and much more inside!!!!!
President’s Message
By Ed Cardoza ’67

This is a unique opportunity to extend my regards to those whom I shared the undergraduate experience between 1962 and 1967, and to introduce myself to the majority of NUCEAO members, who do not know me.

I find myself in this illustrious position for a number of reasons: first, I decided to return to the University to renew past friendships; second, I wanted to help the students with their transition into the industry and third, I needed to reconnect to the roots of my profession, having spent so many years fighting the battles on the commercial side of Civil Engineering works.

The advent of the Millennium should cause all of us to pause and evaluate where we’ve been, where we would like to go and the route we would like to travel. We should step outside of our “boots” and examine the Profession and our place in the world. A few months ago I was struck by the opening lecture, for the annual meeting and convention of the Deep Foundations Institute, delivered by Hoard B. Stussman, Editor-in-Chief of the Engineering News Record magazine. Mr. Stussman compared lawyers to engineer/constructors, pointing out how the legal profession grabs most of the interest of the public and thereby inflates the value of their services, and to the contrary, that we are so consumed by the engineering and building processes that we fail to promote ourselves and thereby undervalue our services. He further pointed out that the public takes our work for granted, seeing us as

interchangeable drones. This was a wake-up call for me. Does it bother you? We must promote our accomplishments within our industry as well as without. There is no better place to enhance the esteem of the engineer/constructor of the future, than in our own University. NUCEAO is an excellent vehicle for this purpose. Any thoughts on this subject? Do you agree with Mr. Stussman? Drop me a line, or a fax, or an email. I’d like to pursue this theme during my tenure.

Finally, I have watched a core group of individuals “carry” this organization for the past several years; including Dan Murphy’93, Patrick Watters’92, 95, Mohammed Al-Naib ’93, Randy Bragdon ’84, Rick Salvo’96, Paul Guertin ’59, Bob Tillman ’72, John Sullivan’63 and Jerry Hopcroft ’68 86. This is my opportunity to congratulate all of them on behalf of the membership for a job well done. Thankfully, most of them will remain active to ensure successful yeas to come.

Edmund J. Cardoza, Jr.
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Civil Engineering Department News
By Mishac Yegian

The department has embarked on a major effort aimed at strengthening its faculty, academic programs. Professors Blanc, Gregory, King and Chochrane have retired from our faculty. The department is now recruiting new faculty members in the environmental field. One of these faculty members will hold the newly established CDM chaired faculty position. The department has initiated a major revamping of its environmental program. The new CDM Chaired faculty member will provide leadership in establishing educational and research programs that are focused on the fundamental understanding of environmental systems, and on the development of innovative technologies for environmental assessment, modeling and remediation. Our goal is make environmental engineering education and research more responsive to the needs of the profession and society.

The department has a great web page. I encourage all alumni and friends to visit our web site and learn more about the department. I welcome comments and suggestions. My e-mail address is myegian@neu.edu.
News From the ASCE Student Chapter
By Ed Deegan '02 and Eric Stoothoff '00

This year the Northeastern University Student Chapter of the American Society of Civil Engineers started off with submitting our 1998 annual report. Included in this annual report was a nomination of Dr. Navick, the chapter's faculty advisor as advisor of the year, and extensive documentation of our 1998 community service project. The 1998 annual report successfully represented our chapter's goals and achievements to ASCE national. We are very proud that ASCE national awarded our chapter with a Zone One letter of commendation for our activities during 1998, an award for outstanding community service project, and awarding Dr. David Navick the Zone One outstanding student faculty advisor award.

In February NU ASCE sent 11 representatives to the Zone One WSCL Conference in Providence, Rhode Island, where these members engaged in leadership activities and shared our chapters experiences with members from other chapters. Continuing with our involvement with other schools, NU ASCE hosted BSCES Younger Member Committee’s Student Night. Student Night is a gathering of civil engineering students from the Boston area’s collegiate engineering programs. At this year's event, a panel of four speakers presented experiences that they felt to be crucial to their college career, their transition from academic career to their professional career, and the reasons for many of their decisions. Also, our chapter participated in the annual BSCES Younger Member Committee Student Caucus in October where we shared with other chapters our goals, and the methods we use for running our organization.

All through the early part of 1999 our chapter spent numerous hours producing the 1999 concrete canoe the Sea Dogg. Our chapter goal for this canoe was to continue exceeding last year's accomplishments. We made great strides in our research methods to find a concrete mix that was both strong and lightweight. The chapter won second place in the New England Regional Competition at the University of Hartford in Connecticut.

Our NU Civil Students with their 1999 concrete canoe, the Sea Dogg

Our student chapter participated in a Northeastern University College of Engineering building bridges program in May and October of 1999. This program is for high school students who have expressed an interest in engineering, and attempts to aid them in understanding what a career in engineering is, so they may make informed choices for after high school. NU ASCE organized and ran the structural section for the civil engineering portion of this program.

In June we participated in an official dedication of our 1998 Fenway Garden community service project for disabled people. The mayor of Boston and the Fenway Garden Community recognized us for our hard work at this ceremony.

The 1999 community service project spanned over the summer and fall quarters. The Philoxenia House Project, as it was referred to, included the construction of a new and beautified walkway and stone stairs to reach from the base of the driveway to the entrance of the house. We also included in the scope of our work, a concrete patio, beautification of the yard, and the construction of a playground for children. The Philoxenia House is an organization tied to the Greek Orthodox Church who offers needed housing.
mainly to citizens and or families of other nations during the time that they spend in the Boston area for medical treatment. Our goal for the 1999 community service project was to continue our efforts in making a noted improvement in the Boston area by assisting those who are of special need. We feel that our assistance to the Philoxenia House organization successfully attained that goal, and our efforts were much appreciated, and felt by those who benefited from the organizations generosity.

Following the community service project we organized two field trips to construction sites in the Boston area. The first field trip was to the construction of Trinity Place by Turner Construction on Huntington Ave. The second field trip was to Modern Continental’s Leverett Circle / Storrow Dr. Charles River Crossing project. Throughout the fall quarter our chapter has put forth a strong effort in the design of the 2000 steel bridge for a February competition. Additionally, we have started early with a very motivated concrete canoe team, and have made great strides forward for the 2000 concrete canoe competition.

Through out the entirety of 1999 we as a chapter have not lost sight of one of our staple events, the weekly lecture series. During 1999 we have hosted 27 presentations from various avenues of civil engineering. NU ASCE has been privileged to have presentations ranging from the design and construction of the C01-A3 central artery project, to projects such as the design of the Manchester, NH Airport modifications, and the restoration design of buildings that have suffered significant structural loss due to fire. Many of our speakers are northeastern alumni, and NUCEAO members. We thank and appreciate all the participation that our speakers have offered throughout the years.

During 1999 the NU ASCE student chapter involved its members in many social events. For the third consecutive year Dr. Navick our faculty advisor was victorious on the greens in our annual golf tournament. A new tradition has been started in 1999 with a quarterly Basketball game that begins as a student vs. faculty game, and that more than makes up for the students losses in golf. During the winter the chapter continued its annual ski trip this year to Attitash Bear Peak. At the end of the summer quarter, an end to final exams was celebrated with a barbeque and sporting extravaganza that dwarfs even the best gathering of ants.

A picture from our April 1999 Annual Dinner. Outstanding Alumni Award Recipient, Joe Casazza ’57 enjoys a pose with some of our current students.

DON’T MISS IT . . . . .

THIS YEAR’S 22ND ANNUAL DINNER ON WEDNESDAY EVENING, MAY 10, 2000 IN THE RAYTHEON AMPATHETEATER ON THE NORTHEASTERN UNIVERSITY CAMPUS. BE SURE TO SEND IN YOUR RESERVATION EARLY AS SPACE IS LIMITED.

The reservation form is contained later in this newsletter.
**Undergraduate Program Notes**

**By Prof. Thomas Sheahan**

Curriculum is overhauled. During the last year, the undergraduate curriculum has undergone its biggest transition in many years. This was done in response to a number of influences, including a university initiative for a set of common educational goals, new national engineering accreditation requirements, and demands from students and employers. Starting this year, students will have the opportunity to complete minors without having to stay in school for extra quarters or take a course overload. The capstone course, the senior design experience that all of our graduates take, is undergoing its own “redesign.” Projects will be solicited from consulting firms, local governments and non-profit clients, and the student design teams will work with a faculty member, a practitioner partner, and the client contact. This type of approach was pilot tested last year in Professor Furth’s transportation capstone class; the class completed the course by presenting their design to the Town of Milton board of selectmen. In addition to the individual project designs, the new capstone will include a common set of lectures for all students on writing and oral presentation skills, site planning, environmental impact issues, and blueprint reading.

ABET is coming. In 2001, the College of Engineering will be evaluated, as it is every 6 years, by the Accreditation Board of Engineering and Technology (ABET). Preparations for this visit have been ongoing since early 1999. As previously noted, the ABET standards, which govern the curriculum requirements for the nation’s engineering schools, have been significantly changed since the college’s last accreditation visit. In response, the departments throughout the college have altered their curricula in a number of ways. In addition, ABET is placing increasing emphasis on alumni input; the Civil and Environmental Engineering Department has solicited the input of its Industrial Advisory Board in the last year or so to help us reshape our program.

Communication Program Initiated. We have just begun implementation of a program that, when fully developed, will help develop the communication skills of our CEE undergrads throughout their curriculum. In the sophomore and middle year lab courses, students will get formal instruction on report writing and be graded by a writing specialist as well as by the course instructor. The same specialist will work with the seniors in the capstone course on report writing and oral presentations. The instruction in CEE courses will be coordinated with instruction given in the Freshman writing courses and in the Middler Year writing course, as the writing specialist we’re hiring also helps coordinate those courses. Implementation begins this quarter with the Structural Analysis & Design Lab, and will continue to expand over the next 15 months till a full program is in place.

**What are the 1998 NUCEAO Scholarship Recipients Doing Now?**

As has been our custom, NUCEAO has given scholarships to several students each year at our annual dinner in the spring. These scholarships are funded entirely by those of you NUCEAO members that contribute to the scholarship fund when renewing your annual dues.

Now that the 1998 scholarship recipients have graduated and moved away from Huntington Avenue, we thought we would check in with some of them to see how they are doing. It is great to see them as they start out in their professional careers with the same Northeastern education, confidence, and pride that we all had at their age and hopefully still have as we have moved on in our profession.

**David Youngsman’99**

Took the summer off and drove cross-country with his wife, visiting several national parks along the way. He came back to have Frank McDowell’82 and Brian Williams’79 of Kleit get their hooks into him and he is now working for them on the C01A3 L-90 Extension CA/T contract in South Boston. David and his wife are expecting their first baby in May and in anticipation of this great event, they will be moving into a new home in Framingham, MA. After ten years of active duty in the US Navy, David decided to attend Northeastern to earn his civil engineering degree. Now, with degree in hand, he has recently been promoted to Chief Petty Officer in the US Naval Reserves. He would love to hear from you via email at dyoungsman@lynx.neu.edu.
(David was the recipient of the Lieutenant Colonel and Mrs. Edward B. Wenners scholarship, generously sponsored by our fellow member Ed, class of 1963, and his wife.)
Shelly Boydston '98

Shelly graduated this past June from NU and is now working in the Land Development Department of Vanasse Hangen Brustlin, Inc. as a Traffic Engineer.

Shelly has worked on several projects across New England and stays quite busy.

While in school, she co-oped with North Country Engineering, Inc. in Glens Falls, NY in a structural engineering co-op position. She then did subsequent co-ops at VHB and apparently got hooked in by the strong Northeastern presence at that firm. She would love to hear from you. She can be reached at:

VHB/Vanasse Hangen Brustlin, Inc.
101 Walnut Street
Watertown, MA. 02471
Phone: (617) 924-1770, Ext. 1823
Fax: (617) 924-2286
Email: SBoydston@vhb.com

(You may remember seeing Shelly’s handwritten thank you note in your spring NUCEAO newsletter last year.)

Sean Waldron ’99

After graduation, Sean stayed on with his co-op employer, VHB and joined up full time working on civil site design. Sean tells us that “So far I am enjoying it, and have no complaints or regrets. (It certainly was nice to have a job prior to graduation, thanks to NU)”

Sean did make time for a trip to Ireland to his mother’s home county of Litrim. After sampling several pints of Guinness from all around the island in a quest to find the best tasting one, the only conclusion he could offer was that he needed to go back for some more sampling before issuing his final recommendations. (Sounds more like a geotech or environmental engineer.)

While at NU, in addition to VHB, Sean also co-oped at Rizzo Associates and at John Sullivan’s ’63 The Geotechnical Group (TGG).

With a little more free time and some money in his pocket, Sean has taken up scuba diving as a hobby. He would love to hear from you and he can be reached at VHB. Just call his fellow scholarship recipient, Shelly Boydston ’99 and she can transfer you to him.

Gitanjali Shinde ’98

After graduation, Gitanjali took the first half of the summer off for some well-deserved rest and relaxation.

In mid July her transformation from student to engineer was complete with her entrance into the work force as an Environmental Engineer at Weston & Sampson Engineers, Inc., now headed by Michael J. Hanlon, Class of ’67 and Peter M. Smith, Class of ’73.

Currently, Gitanjali is working on various different sewer system rehabilitation projects for some of the local municipalities, including Stoughton, MA and Chelmsford, MA. Her future plans include getting her Masters degree, sitting for the P.E., and getting a new car. You can reach Gitanjali at hshinde@aol.com. She'd love to hear from you.

Gitanjali Shinde
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IN OUR NEXT NEWSLETTER
we will check in on the 1999 NUCEAO scholarship recipients after they graduate this June and join our ranks. Your contributions to the NUCEAO scholarship fund last year funded five individual $1,000 scholarships to the following young Northeastern civil engineers. (Note the odd look that a Y2K year of graduation has at the end of their names!!!)

Tammy Colombo ’00
Christopher D. Lang ’00
Joshua Lannen ’00
Cosmas Papanikolaou ’00
Erik Stoothoff ’00

Also, at last year’s dinner, Jeffrey Buckley ’00 received a $1000 scholarship through the individual generosity of Steve Daigle ’94.

And, Lt. Col. (ret) Edward Wenners ’63 presented scholarships to two Northeastern Civil Engineering students who are also involved in the armed forces. Sean Waldron ’99 and David Wong ’99.
Professor Meserve '51  
By Shannon Daigle '94

Former Department of Civil Engineering professor Robert Meserve, P.E., is enjoying his retirement in Reading, Massachusetts with his wife of 49 years. Since his retirement on July 1, 1995 professor Meserve has continued to remain active with his personal and family life. So active in fact, that he said he’s so busy that he doesn’t know how he ever fit work into his daily schedule! This comes as no surprise to the students and faculty members who know him, as they would all agree that Professor Meserve was an extremely dedicated professor who always gave 110% to his professional career and to the development of his students.

Professor Meserve says he feels great and keeps busy working around the house, painting with watercolors, taking in a couple of N.U. football games, and most of all spending time with his wife June, four children and three grandchildren. His children are dispersed across the county, residing in New Mexico, Georgia, Maine and Massachusetts. This enables professor Meserve and his wife to spend time traveling the states vacationing and visiting their children. This summer Robert and June will be taking their annual trip, a tradition since 1945, up the Maine coast and will eventually meet up with the rest of their family at their daughter’s house. While at home the Meserves dedicate a lot of time to their local church. Recently, Professor Meserve has just finished a three-year term as “Head Layleader”.

Although Professor Meserve has become accustomed to retirement, he still enjoys staying in tune with the professional aspect of his life. He maintains his membership with the Boston Society of Civil Engineers and New England Water Works. Also, he continues to stay apprised with current technologies and projects by reading through his affiliation periodicals and looks forward to attending annual Northeastern University 25-year Associates Group meetings with fellow colleagues.

When Professor Meserve was asked the secret to his happiness he replied that most happy people have one thing in common: People who commit themselves totally to an activity and go after it 100% will always get a sense of accomplishment and enjoyment. Whatever you decide to do in life professionally and personally remember that you get out of what you put into it. The trick is to be lucky enough to choose something you truly enjoy! Best Wishes with your retirement, professor Meserve, from all the students, faculty and alumni at Northeastern University!

Mark Evans '80  
By Julie Thorne Davies '94

Fellow NUCEAO member and ex Northeastern Civil Engineering Professor, Mark Evans '80 send his best to all of his fellow alumni, classmates, and former students. He has many fond memories of both the students and the ASCE Student Chapter during both his days as a geotechnical professor and as an undergraduate student.

After some prodding by a former student, Mark emailed the following to let us know how things are going for him and his family since leaving Northeastern a few years ago. Mark writes . . . .

I joined the West Point faculty in June 1996 - been here for almost 4 years now. I'm having fun, enjoying the challenges, and feeling very good about the job. Was promoted to Associate Prof in 1997, and to Group Director in 1998. As one of the 2 CE group directors, I manage and rate 1/2 of the officers and faculty in the CE division (about 20 total in the CE division) and manage the courses assigned to my group. In essence, it is one of 2 managing positions below the CE Division Head.

I'm teaching Statics and Dynamics (one course), Strength of Materials, and Soils and Foundations (also one course). All US Military Academy (USMA) graduates are required to take at least 5 engineering courses, regardless of major. So, periodically, we teach most of our CE courses to non-majors (English majors, language majors, philosophy, etc.)! We do not water the courses down for the non-majors, there may be CE or ME majors in the
class with them. Last semester I taught Statics and Dynamics to mostly non-majors – have taught both majors and non-majors in the past. I have fun doing it and I guess it showed; below are cadet (student) anonymous comments. I’m giving you all of them so no one can accuse me of selecting only the good ones!

I have been doing research with the US Army Corps Labs the past 3 summers, mostly for the Waterways Experiment Station in Mississippi, sometimes taking cadets with me to Miss. for a few weeks. I just finished up three years as editor of the ASCE Journal of Professional Issues in Engineering Education and Practice, and I completed a private pilots license a few years ago. I’m completing a paper on “The 7 keys to a successful student chapter” that I’ll submit shortly to the ASCE Journal of professional Issues in Engineering Education and Practice. More on this later.

Personally, I’ll have been married for 19 years this June to Denise (Beaumont) Evans, CE grad 1980 and past chapter president.” Denise was one of the original 2 to 4 founders of NUCEAO in 1980. Denise later earned a degree in Industrial Engineering and worked professionally for a while before staying home with the children. She recently went back to work part time as a certified math and science high school teacher.

Our three daughters, Carolyn (12), Margaret (10) and Rosemary (8) are growing up too fast, but all are healthy, active, and doing very well in school. In fact, our girls are too good – they did not prepare Denise for the type of kids she encountered in her remedial math class!

Finally, we are trying to build a home (with a builder) on 14 acres of land – it is going slowly when it goes at all. Wish us luck.

Arie BarJosef – Civil Engineering Co-op Coordinator

By Patrick J. Watters ’92 ’95

Progress sometimes is a double-edged sword. With last year’s move of Bob Tillman’72 to the Dean’s office in Cooperative Education, (reported in our Spring 99 newsletter) we had one of our own at the top. Yet, at the same time, Bob’s move created a void in the Civil Engineering Co-op Coordinator’s slot that Bob had piloted so well for many years. Never one to let his fellow civil alumni down, Bob slotted Arie BarJosef to assume his role of matching the civil students and employers just like we were when we passed through the system.

It will not fair to ask one person to jump in feet first and fill our own Bob Tillman’s ’72 boots as the Civil Engineering Coordinator. We will always be biased to having one of our fellow NUCEAO members working with us. Yet we all know that someday, the Bob Tillman that we have known for years, will get tired of the fancy suits and finger sandwiches in his higher social circles, and return to the wrinkled ties and lunch at Chicken Lou’s or the Puritan with the students. Until that day, he has left us with a good man and real nice guy to work with to keep it all going.

Although, Arie BarJosef, is not a civil engineer, he is a Northeastern graduate, having earned his BS in Geology from our alma mater in 1976. After that, he returned to his native Israel to earn his MS in Engineering Geology and Rock Mechanics from the Graduate School of Civil Engineering, Technion Israel Institute of Technology in 1978. He then returned to the United States under the employ of Haley & Aldrich. After nearly 20-year career with H&A, Arie joined Northeastern and he is now our Civil Engineering Co-op Coordinator.

It is comforting to know that our coordinator spent 20 years in our industry and a few quarters on co-op with Stone & Webster back while he was at Northeastern as an undergraduate. Who better to coordinate co-op than someone that once was a co-op and also spent time working directly with them in a professional setting.

In addition to his co-op duties, Arie also teaches several sections of the GE1000 series of classes for engineering freshmen. This series of short classes help 17 and 18 year old freshmen make the transition to engineering college freshmen by introducing them to the skills needed to remain in engineering and succeed out in their first co-op experience. I am sure Arie would love to tell you more, just email him at a.barjosef@neu.edu.
Controlling Costs and Still Maintaining Our Reach

With over 4800 NU Civil Engineering graduates, isn't it a shame that we can't keep in better contact and capitalize on our collective resources and connections?

Networking aside, wouldn't it be nice to what some of your college friends, and fellow alumni are up to?

In the electronic age, this can easily be accomplished in a “free” manner using email. While the paper newsletter copy will never be replaced, to be cost effective and timely, email and word of mouth can not be beat.

Between printing and mailing costs, this newsletter costs approximately $4500 to send to you and your fellow 4,799 alumni. NUCEAO is a volunteer organization with limited resources. We were formed to help the Civil Engineering students through scholarships and support of the ASCE Student Chapter. We want to keep concentrating our resources on that important commitment and minimize costs when it is reasonable to do so.

In the future, paid NUCEAO members in good standing can expect to receive more frequent newsletters in the mail. Yet, we can not support the cost of sending a 4800 individual pieces of mail four or more times per year.

Please consider upping your membership to full standing. For just a few dollars, you can be kept in touch with your fellow alumni, current students, and your old alma matter through a newsletter that covers topics of interest to the Northeastern Civil Engineer.

Did you like what you read in this newsletter? Would you like to see more of something and less of others? Please send us an email or call so your voice can be heard. This is your organization and your newsletter.

Patrick Watters '92
patrick.j.watters@us.pwecomglobal.com
617 478-5649

Ed Cardoza '67
zatright@msn.com
781 376-0900

Looking For a Rewarding Experience?

NUCEAO is always in need of your input, energy, and ideas. Consider taking a leadership role and becoming an officer in NUCEAO. As a group, we can grow and become as powerful as our members want to be.

Would you like to write a newsletter article?

Do you want to help set-up a luncheon?

Take reservations and check off names for our Annual Dinner?

Become a mentor to an upperclass student and help them with career advice?

How about speak in front of the ASCE Student Chapter during one of their luncheon meetings?

Develop and present an original idea of your own through NUCEAO?

It ain’t the Peace Corps or United Way but it can be a surprisingly rewarding and enjoyable to “give something back” to the students and your fellow alumni.

The commitment is only a few hours per year. Think about it...

Post the flyer on page 11 of this newsletter for our luncheon and have everybody in your office channel their reservations through you. It is going to be a great luncheon, with a chance to see some old friends, faculty, and hear a fellow Northeastern Civil Engineering Alumnus tell us all about the current goings on and future projects planned at Massport.

Thursday March 16 Lunch at Anthony's Pier 4 in Boston. Plenty of Free Parking and just a short walk across the Fort Point Channel from the T.
Civil Engineering Alumni Organization

Annual Dues Notice

For the year 2000

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, newsletters, and the annual senior gift. 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. Last year financial assistance included: money for senior bricks, assistance for students to attend a concrete canoe competition, funding for the Chapter's annual report, contributions towards the steel bridge competition and other operating monies for the Student Chapter.

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 Outstanding Civil Engineering Student Achievement Awards and last year five $1,000 scholarships ($5,000 total) were awarded to five juniors in the class of 2000.

Name: ____________________________ Class: ______
Address: __________________________
City: _____________________________ State: ______ Zip: ______
Email: ____________________________ (please fill in email address to help reduce mailing and communication costs.)

Please renew my membership for 2000: ______
I do not wish to renew my membership and please remove my name from your mailing list: ______

<table>
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<tr>
<th>Annual Dues for 2000</th>
<th>$ 15.00</th>
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Individuals who graduated in 1959 or earlier are not required to pay annual dues but they still must return a completed renewal form so that we can keep our membership information up to date. Members of the class of 1999 receive their first year membership free.

| Contribution to Student Chapter Assistance Fund | $ ______ |
| Contribution to NUCEAO Scholarship Fund | $ ______ |
| Total Remittance (Thank you!) | $ ______ |

Comments and/or program suggestions:

Please make your check payable to NUCEAO and send along with this form to:
Patrick J. Watters '92
70 Ralph St
Watertown, MA 02472

NUCEAO 346 Richards Hall
Northeastern University Boston, MA 02115
(617) 373-5774
Please join your fellow Northeastern Civil Engineering Alumni and guests
for the

Northeastern University Civil Engineering Alumni Organization (NUCEAO)
Luncheon
Thursday March 16 at Anthony’s Pier 4 Restaurant
where

MAUREEN A. McDONOUGH ‘82
Business Strategy Manager in the Capital Programs Department of the
Massachusetts Port Authority

Maureen will address her fellow Northeastern Civil Engineering Alumni and guests on Massport’s Capital Programs Department’s
ongoing three-billion dollar improvement program at Logan Airport and many other Massport facilities.

Maureen is one of our own. She earned her Bachelor’s Degree in Civil Engineering from Northeastern in 1982 and later
earned her Law Degree from Suffolk University in 1988.

A social half-hour will be held from 11:30 to 12:00
lunch will be served promptly at 12:00
and the talk will begin during dessert
with the completion of the luncheon at 1:15

Please call Rick Salvo ’96 at VHB, Inc. (617) 924-1770 by Monday March 13 to make your reservation.

If you require further information or need directions, please contact:
Rick Salvo ’96 at (617) 924-1770. Email: rsalvo@vhb.com or
Patrick Watters ’92 at (617) 478-5649. Email: patrick.j.watters@us.pwcglobal.com

The cost is $30 per person and checks should be made payable to NUCEAO.

Plenty of free parking is available at Anthony’s Pier 4, located on Northern Avenue in Boston.

This event is open to all, so bring a colleague along.

Northeastern
UNIVERSITY

NU Civil Engineering Alumni Organization
NUCEAO
c/o Patrick J. Watters '92
70 Ralph Street
Watertown, MA 02472

ADDRESS CORRECTION REQUESTED

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67 Glendale Rd
Sharon, MA 02067-1429