



Younger Member Newsletter

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Issue Quote

"Patience and fortitude conquer all things"

Ralph Waldo Emerson (1803-1882)

Message from the CYM Chair

It's hard to believe just one hundred years ago last month, the Wright Brothers flew for the first time. Today and every day, thousands of flights take off from countries around the world and without Civil Engineer's this would not be possible.

For those who traveled to Nashville, CYM hopes you found the YMLS and Annual Conference an asset to your professional development and lifelong learning in the Civil Engineering Profession. The 2004 YMLS program will be held in Baltimore and we hope to have more information in the coming months. At the CYM Fall meeting in Nashville, we discussed several important timely topics pertinent to Younger Members in the Civil Engineering Profession. The Committee established an action plan to execute our goals in our "Visioning Plan." The "Visioning Plan" highlights the importance of YM involvement in public

policy, interaction with Student Members, attendance and participation in Section and Branch levels, as well as Regional and National levels in conferences, such as the Annual Conference or Zone Leadership Conference(s). CYM and the Younger Member Groups (YMG) at the Section and Branch levels want to acknowledge and celebrate accomplishments of all Younger Members within the Society, even if you are not active in the local YMG. We want to know about your experiences, and accomplishments in the profession.

The Committee is constantly working for you, the Younger Membership of the Society. We strongly encourage your input, even if you may disagree with our position. We spend countless hours listening and reaching out to you, but there are only a few of us and approximately 35,000 of you. Our contact information can be found on the last page of this newsletter.

I'd like to conclude with the following quote: "Leadership is Problem Solving." This is one of my all time favorite quotes because it's very applicable to our profession. Your problem solving skills make you a great contributor to the Engineering Profession. However, that skill is also needed to "solve problems" outside of the engineering community. I challenge each of you to utilize your problem solving skills outside the workplace and be a leader in your community, local ASCE Section/Branch, or employer. This can be as simple as volunteering your time to a community service project, participating in an outreach program or volunteering as a local Board member.

Christopher R. Garlick, EIT
Chair and Zone I Representative
Committee on Younger Members

Zone II Representative Needed

Nominations are now being accepted for selection of a Zone II Representative for the Committee on Younger Members (CYM). This Committee reports to the Council of Vice Presidents and is charged with "providing for the full professional development of engineers 35 years of age and younger and increase their participation in all levels of the Society by: identifying issues of interest to young engineers; facilitating the development of responses to such issues; developing, implementing and reviewing programs which focus on the resolution of these issues, and fostering interaction with Sections, Branches, YM Councils and Student Chapters."

Primary responsibilities include coordinating Zonal YM Councils, planning for YM Leadership Symposiums, assisting with the Mead session at the ASCE National Conference, reporting on Section and Branch activities and judging YM awards. This Committee position will serve from October 1, 2004 to September 30, 2008. Please consider nominating a member of your Section or Branch. Nomination forms may be obtained at <ftp://gsd.asce.org>.

Please send the completed nomination, before March 1, 2004, to Nancy Berson at ASCE, 1801 Alexander Bell Drive, Reston, VA 20191, by fax to (703) 295-6141 or email to nberson@asce.org.

This is an excellent opportunity to become involved in ASCE on a National Committee. For additional information, please contact the current Zone II Representative, Deepal Eliatamby at deliatamby@bpbarber.com or at (803) 254-4400.

New York Avenue Metro Station Tour

By Michael Duffy, PE, National Capital Section

On October 25th, fifteen members of the ASCE National Capital Section–Younger Members toured the New York Avenue Metro Station Construction Project. Mr. John Thomas, PE, MBA of the Washington Metropolitan Area Transit Authority (WMATA) conducted the tour. During the tour, Mr. Thomas provided insight into the feasibility and construction stages of the New Station.

The new segment is referred to as an in-fill station (a station located between two existing stations).



New York Avenue will be the first new station added to the 103-mile existing system on Metro's busiest line, the Red Line.

The location of the New York Avenue station was chosen because the site is an urbanized section of D.C., where existing land use is a mixture of residential, commercial, light industrial and



vacant land. In addition, the area includes prime locations

for redevelopment, along with opportunities for community revitalization, economic development and job growth.

Construction of Metro's 84th rail station started in November 2002 and is projected to be complete in late 2004. This at-grade level station will be built on a combination of the existing railroad embankment and bridges; the station will not add new mileage to the existing 103-mile system. Project is budgeted at approximately \$103,000,000 and is the first Metro project utilizing public/private partnership.

Permanent PATH Terminal at the World Trade Center

By Linda Chien, YMF Metropolitan Section

Prior to September 11, 2001, the World Trade Center Station was the busiest in the Port Authority Trans-Hudson (PATH) system, with approximately 67,000 daily commuters boarding. Since 1962, PATH has been a subsidiary of The Port Authority of New York and New Jersey. On November 23, 2003, service was restored on this vital rail link between Lower Manhattan and New Jersey with the opening of a temporary station at the World Trade Center site. This was a mere sixteen months after construction commenced.

Mr. Jerrold Dinkels, PE, Port Authority of New York and New Jersey was invited to speak on November 6th to the Metropolitan Section YMF about recent phases and developments in restoring the PATH service into Lower Manhattan. The construction of a permanent World Trade Center PATH Station became a personal mission for Mr. Dinkels and department, since September 11th. They understood the design constraints, which included budget, schedule, service, constructability and later on, the architects' and planners' visions for the World Trade Center area. The accelerated construction schedule required problems and conflicts to be addressed in an expeditious manner. This meant obtaining temporary Americans with Disabilities Act and other mandatory code approvals and conformance.

The project took on two phases:

- 1) Restoration of PATH service into lower Manhattan, including improvements to the Exchange Place Station in New Jersey, as well as the rehabilitation of Tunnels "E" and "F" under the Hudson River, and;
- 2) Rebuilding of the permanent WTC PATH train station.

The first phase of the project started at the Exchange Place Station in New Jersey. The station's platform was also expanded to

allow for a ten-car consist. Sixteen-foot diameter tunnels were mined to allow for trains to crossover (this allowed for the station to function as a terminal before the



Source: Port Authority of NY and NJ

opening of the tunnels to Lower Manhattan). Under the Hudson River, new rails and tracks were laid using concrete roadbeds with direct fixation fasteners, instead of timber and ballast (stone). The new temporary World Trade Center PATH station consists of three platforms, a mezzanine level, a concourse level to Church Street, and an entrance canopy. Although the temporary World Trade Center PATH station does not provide a direct connection to adjacent subway lines, the temporary station will continue to provide service without interruption until it is transformed into the permanent World Trade Center PATH Station. Once completed, the permanent WTC PATH station will provide an airy, bright and convenient atmosphere connecting the Transit Center for subway service to the Winter Garden for the nearby Hudson River ferry service and a concourse level with access to retail stores on Liberty Street.

The World Trade Center area is expected to include a memorial zone placed outside of the footprints of the towers. Proposed structures will utilize natural light and conform to plans made by Studio Daniel Libeskind and Santiago Calatrava, the renowned Architect. The area is expected to be grounds for a memorial, transportation hub, commercial/retail center, as well as a facility for cultural events.

The opening of the temporary World Trade Center PATH station was a major step toward the renewal of Lower Manhattan. According to New York State Governor George Pataki's schedule for the World Trade Center site, the first tower will be built by the end of 2006. At that point, the mezzanine and concourse levels will be open and accessible. The area is expected to be completed by 2008. This includes Tower 1 and the nearby streets. By 2012, and every year thereafter, one building will be constructed every year until the final plan is completed.

2003 YMLS held in "Music City"

By Michael Shumsky, PE, CYM At-Large Member

The 13th Annual Younger Member Leadership Symposium (YMLS) was held November 13th-15th, in conjunction with the ASCE Annual Conference and Exposition in Nashville, TN. The ASCE Committee on Younger Members hosted the YMLS.

This year's program "kicked-off" on Thursday afternoon with the Younger Member/Student Workshop. The program included a presentation on "The Difference in Leadership and Management" by **Dr. Jerry Westbrook**, PE, Emeritus Professor of Engineering Management at the University of Alabama in Huntsville. Next, **Mary Fink**, Instructor, Center for Professional Development at Belmont University discussed "How to Handle Change in the Workplace/Working with Different Personalities." She discussed the personality traits, fears and needs of a Relater, Socializer, Thinker and Director. Group participation by all made for an amusing and informative session.

On Friday morning, **David Devine**, National Younger Member Mead Paper Winner read and discussed his position on the topic: "Is it ethical to Profit from Engineering Work Arising from Natural or Manmade Disasters?" **David Wright**, Carpenter-Wright Engineers, then provided three real life examples of engineering projects involving ethical judgment and challenged

attendees to contemplate what their "course of action" would be as project engineer.

The YMLS program convened again on Friday afternoon with **Paula Harris**, Barge, Waggoner, Sumner, and Cannon presenting "How to Market Your Company with Success from a Technical Perspective."

After this presentation, one representative from each respective YM Group reported on group activities. This was very beneficial for those groups just starting. After a brief CYM report, given by **Christopher Garlick**, Zone I Representative, the session adjourned.

The YMLS program reconvened on Saturday afternoon with a presentation from **Deborah Varallo**, Varallo Public Relations on "Networking." Some of her thoughts included: listen with your eyes, "good-mouth" people, nurture your network and be guided by your goals; not blinded by them. **Deepal Eliatamby**, CYM Zone II Representative, followed this with recognition of Younger Member award winners.

To promote interaction between Younger Members and ASCE leadership, CYM invited **Pat Natale**, ASCE Executive Director and **Bill Henry**, ASCE President-



Pat Natale and Bill Henry speak with Younger Members at the YMLS

elect to speak with attendees on a variety of issues facing ASCE. Special thanks to these gentlemen

for taking time from their busy schedule to present and answer questions.

Next, **Dr. Marty Nord**, Nord Consultants spoke on "How to Build Personal Credibility within your career." To learn what successful engineers did to build their credibility, Dr. Nord interviewed practicing Civil Engineers in middle Tennessee; both senior engineers and young engineers

recognized as star performers. Based on the responses, Dr. Nord identified and discussed ten consistent themes. These themes were: 1.) Adapt to your profession's success culture, 2.) Be visible, 3.) Make your own luck by volunteering for varied and challenging assignments, 4.) Solve problems tenaciously, 5.) Question, question, question, 6.) Speak up and let everyone know what's going on, 7.) Document diligently, 8.) Do what you say you'll do, 9.) Know how you're wired and 10.) Relentlessly stalk mentors.

The concluding Saturday presentation was on "Building Trust within your Team," presented by **Marie Jennings**, Montgomery and Associates. Her presentation focused on three basic elements of trust: sincerity, competence and reliability. Ms. Jennings provided twelve actions one can take to build trust. These were: 1.) Develop your ability to make distinctions using the three elements of trust, 2.) Keep confidences, 3.) Speak and act authentically, 4.) Be a role model, 5.) Make clear offers and requests, 6.) Fulfill your promises or renegotiate when you know you'll break a promise, 7.) Be willing to say no, to ask for help, and renegotiate promises, 8.) Learn to complain appropriately when clear promises have been broken, 9.) Take responsibility for yourself, your team and your clients, 10.) Be honest with yourself and identify the areas you could be more trust worthy, 11.) Strive to develop relationships based on authentic trust and 12.) Think about the mood you are creating in each conversation.

On Friday and Saturday nights, Younger Members piled into cabs and made a



Younger Members at the "Wild Horse Saloon" in downtown Nashville

pilgrimage to the "Wild Horse Saloon" in downtown Nashville. Once there, everyone enjoyed hours of socializing,

dancing and good cheer. While enjoying ones favorite beverage, "self proclaimed" Cowboys and Cowgirls entertained spectators, who watched from the second and third levels above the dance floor. It's truly amazing the songs one can line dance to.

Thanks to all the speakers, who donated their time and talent, and our company sponsors: **Civil Constructors, Inc., Parsons Brinckerhoff and Stanley D. Lindsey & Associates, LTD** for their financial support. As with any successful program, there is considerable time dedicated to the planning endeavor; therefore special thanks to the **ASCE Staff, Shanna Curley**, Tennessee Section and **Garland Rose**, District 9 Director for their hard work.

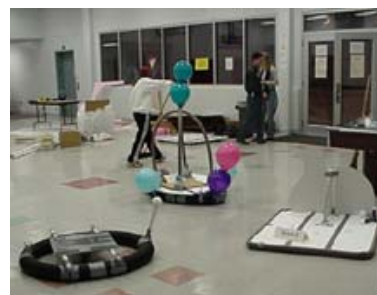
Nebraska Section YMG & Boy Scouts of America Explore!

By Marie Maly, EI, Nebraska Section YMG Co-Chair

On Saturday, November 22, 2003, the Nebraska Section Younger Member Group (YMG) teamed with the Boy Scouts of America Exploring program to hold a Design-Build Competition. This first major outreach activity for the Nebraska YMG involved buoyancy, power tools and supplies ranging from downspouts to pipe insulation.



"Boy Scouts Explore" is a program for students between fourteen and twenty-one years of age, who want to learn about different career opportunities. Open to boys and girls, individual "Posts," such



as Engineering, Medicine, or Theater, meet on a regular basis throughout the school year, but the Design-Build Competition was open to anyone meeting the age requirement, regardless of whether or not they belong to a Post.

Lindsay Madsen, YMG Co-chair, led a group of five Younger Members and one BSA staff member in planning the event. Meetings began in July with project selection that high school students could grasp, build, and test within the time constraints of a Saturday morning. After deciding to discuss buoyancy and building boats, the team developed a materials list. Student Chapter Members from the University of Nebraska - Lincoln (UNL) collaborated to create the scoring system. A mini-lesson, which included a demonstration of floating concrete, was planned to introduce the participants to buoyancy.

The morning of the event, nine UNL Student Chapter Members joined the Younger Members at a community center in west Omaha. After the lesson and demonstrations, teams of two to four used the various supplies available to build their boats. Younger Members and college students helped by operating the power tools and mentoring the teams. Some of the more popular choices for building were plastic corrugated tubing, PVC pipe, Styrofoam board, and (of course) duct tape. The teams that managed to use the more creative items - such as old bowling trophies - were awarded extra style points. When it was time to discover which team's boat could support the most weight without sinking; the Younger Members were forced to be creative. Several of the boats were so sturdy that all of the pool weights were easily supported. In the end, milk cartons - which had been one of the building supplies available - were filled with water and used as weights. Scores were tallied based on style, weight supported, and materials used. All the participants received prizes, and each member of the winning team won a ratchet set.

The Younger Members enjoyed the opportunity to discuss engineering with the high school students. Some of the kids were already planning on becoming an engineer, while others had not yet given much thought to life after high school. Who knows... maybe some of the participants will be future ASCE members!

Lehigh Valley YMF 2003 Year in Review

By Gregory Kuklinski, E.I.T., Alfred Benesch & Company

Greetings from the frigid and snowy Lehigh Valley in Pennsylvania, which consists of Allentown, Bethlehem and Easton. The Lehigh Valley is located one hour north of Philadelphia and 1.5 hours West of New York City. This past year was a very exciting and prosperous time for our YMF. As part of the goals set forth in our reorganization two years ago, this year we created a Board with a President, Vice-President and Secretary. This Board drafted a set of by-laws and sent letters to all of the civil engineering companies in the Lehigh Valley to inform them of some of our past and upcoming activities. Our board is now working hard organizing activities for the 2004 year in the areas of community service, technical, social and professional development.

Our YMF co-sponsored the first technical seminar, in conjunction with the Section's Structural Committee, at Lehigh University. Power's Fasteners gave the seminar. We



also co-sponsored our first community service activity in conjunction

with the NETWork of Young Professionals. We volunteered by answering phones at the annual pledge drive telethon for WLVT TV, which is the Lehigh Valley PBS affiliate. An opportunity was given to speak on the air for a few minutes about ASCE.

In June, the YMF had our annual Reading Phillies Baseball Game. With over 30 in

attendance, this event seems to get more popular each year. This year, we had YM's travel from the Delaware Section for the game.

In September of last year, we hosted a bridge tour in Bethlehem, led by Dr. Ben Yen of Lehigh University. The tour was in conjunction with the students of Lehigh and the YMF.



In the spring of 2004, the continuation of the tour is planned for the Bridges of Easton. This event was well attended with seventeen Students and Younger Members.

We are excited about our upcoming activities. In January, six local civil engineers will be talking to Lehigh University students in a panel discussion. We did this activity two years ago and it was very well attended. In February, we will be attending a Hershey Bears hockey game with the Central PA Section.

As always, the ASCE Lehigh Valley Section is grateful to CYM for their constant role of liaison between ASCE National and the YMF's. It was nice to meet some of you again in Nashville, TN during the Annual Conference in November. I hope to see some of you during NERYMC in New York City.

**ABSOLUTELY GUARANTEED --
A Successful Outreach Program for Your
ASCE Section/Branch/Younger Member
Group/Student Chapter or Club**

Are you looking for a time-tested program to reenergize your organization?

Do you want to provide youngsters with an opportunity to learn about engineering and the engineering design process?

Are you interested in making a difference in your local community?

Do you have limited time and money to plan, organize, and conduct public/educational outreach?

DO YOU WANT TO HAVE SOME FUN?

If you answered "Yes" to any of these questions, we have a fail-safe program for you!

The Third Annual West Point Bridge Design Contest, sponsored by ASCE, is a nationwide Internet-based competition intended to provide middle school and high school students with a realistic, engaging introduction to engineering. The contest infrastructure includes a mechanism for organizing and running local bridge design contests in conjunction with the national competition. Using this system, you can establish a local contest and get its own web-based Local Contest Scoreboard that allows you (or the participating students) to monitor the level of participation and the performance of local contest participants on a daily basis.

Simple step-by-step instructions for establishing, organizing, and running local contests are described at <http://bridgecontest.usma.edu/local.htm>.

Please contact Jim O'Brien at jobrien@asce.org, Beth Margulies at bmargulies@asce.org, or the National Contest Coordinator at wpbdc@usma.edu. should you have any questions.

New Engineer on the Block

By Michael Shumsky, PE, CYM At-Large Member

As calendars are changed to reflect the new year, there are some Student Member newsletter readers counting the days until the brief walk across a stage and customary handshake precedes accepting their engineering diploma. As this milestone event approaches, many of you will contemplate, "What does the future hold as

a new engineer?" As one who has experienced this uncertainty within the past decade, I'd like to share some thoughts and offer advice.

Whether beginning ones' engineering career in the private or public sector, typically employers realize a Bachelor of Science degree in Civil Engineering provides an individual with a solid fundamental knowledge of engineering principles. Unless one has had an opportunity to co-op or work part-time with an engineering firm, prior to graduation, employers also recognize a young engineer's limitations with problem solving and communication adeptness. Engineers who possess written and public speaking skills, that compliment their formal education, are always in demand. You may be the smartest engineer to graduate from your alma mater, but this alone will accomplish little if your boss, client or general public do not comprehend a projects technical merit or challenges. In a prevalent atmosphere of limited budgets, politics and environmental stewardship, an engineer's ability to convey the necessity and benefits of a project can often determine if such a project is ultimately constructed.

If one is fortunate, as I was with my first job in the "Big Apple," you'll have a mentor to discuss the inevitable dilemmas, personalities and politics that permeate the work environment. A mentor can also provide guidance on your corporate or government culture. Embrace the opportunity to learn from others' personal experiences, as these lessons are rarely found in engineering literature. Your local ASCE Younger Member Group, Section or Branch offers another avenue for mentoring opportunities.

When I recently asked his thoughts on young engineers beginning their careers, Chuck Pennoni, 1992 ASCE National President replied, "The challenge is for one to find their natural talent." Indeed, the Civil Engineering profession offers a variety of

fields to practice in, and once in the workforce you may discover an interest or "natural talent" different from your college emphasis. Therefore, take opportunities to "broaden your horizons" or cross-train.

In conclusion, remember that one's education is just beginning after earning a degree. Always strive to establish and attain career goals, such as licensure or continuing education, and develop lifelong friendships with fellow practitioners. In what will seem like a "New York minute" in retrospect, you will one day realize you're not the new engineer on the block but rather a seasoned veteran.

Order of the Engineer

By Audrey Karper, PE, Zone I CYM Corresponding Member, National Capital Section

The Order of the Engineer is a pledge of ethics and integrity whose history dates back to the 1920's in Canada with "The Ritual of the Calling of the Engineer." The goal of The Ritual of the Calling of the Engineer was to bind together engineers from all disciplines and instill an obligation of ethics in young engineers. The original "iron ring" was worn to symbolize an engineer's pride in their profession and remind them of their humility.

In 1970, the first Order of the Ring Ceremony was performed at Cleveland State University. The tradition was brought to the United States to serve many of the same purposes of the Canadian predecessor. "The Order of the Engineer was initiated ... to foster a spirit of pride, individual integrity and responsibility in the engineering profession, to bridge the gap between training and practice; and to present to the public a visible symbol identifying the engineer." Since 1970, the engineers from all over the United States, students and practicing engineers, have accepted the Obligation of the Engineer, symbolized by a steel ring wore on the little finger of the working hand.

The Obligation of the Engineer Oath:

I am an Engineer, in my profession I take deep pride. To it I owe solemn obligations.

Since the Stone Age, human progress has been spurred by the engineering genius. Engineers have made usable Nature's vast resources of material and energy for Humanity's benefit. Engineers have vitalized and turned to practical use the principles of science and the means of technology. Were it not for this heritage of accumulated experience, my efforts would be feeble.

As an Engineer, I pledge to practice integrity and fair dealing, tolerance and respect, and to uphold devotion to the standards and the dignity of my profession, conscious always that my skill carries with it the obligation to serve humanity by making the best use of Earth's precious wealth.

As an Engineer I shall participate in none but honest enterprises. When needed, my skill and knowledge shall be given without reservation for the public good. In the performance of duty and in fidelity to my profession, I shall give the utmost.

The Order is not a membership organization. There are no dues or meetings. It's merely a pledge to act ethically and professionally and take pride in your profession.

For additional information check out the following website.

<http://www.order-of-the-engineer.org/>

<http://www.ironring.ca>

Fort Worth Branch "Boo at the Zoo"

By Scott Berman, Fort Worth Branch YM Chair

On Wednesday October 29, 2003 the Fort Worth Branch Younger Member Group had nine volunteers participate in "Boo at the Zoo." Boo at the Zoo is an annual event held by the Fort Worth Zoo where children who attend the Zoo are treated with extra fun and games and candy stations, manned completely through volunteer efforts. This is an extremely fun event for both the zoo attendees and volunteers.

An ordinary group of engineers by day



transformed themselves into a fun loving group of characters for an evening with the children. A good time was had by all! We handed out candy and entertained nearly 5,000 kids!



I'd like to thank all of the volunteers for their assistance. The Fort Worth Zoo, children and family members are very appreciative. See you next year.

New York Cares Day

By Erik Metzger, Metropolitan Section

Metropolitan Section YMF members recently had an opportunity to demonstrate their artistic talents, as part of the 12th Annual New York Cares Day on October 10, 2003. This day witnessed nearly 8,000 volunteers mobilized to revitalize over 100 New York City public schools.

The YMF contingent was assigned to Public School 315 in Brooklyn, a 900-student elementary school that includes the study of performing arts as an integral part of its



Met. Section Younger Members

academic program. The school collaborates with several community and arts institutions, such as Brooklyn College, the Metropolitan Opera Guild, Jazz at Lincoln Center, and the Metropolitan Museum of Art. Volunteers were greeted by Principal Beverly Folkes-

Bryant and received a brief history of the school. YMF members beautified parts of the school by painting wall murals within classrooms and lined basketball courts and hopscotch boards in the playground. During the middle of the day, everyone took a break from their work efforts for a surprise luncheon buffet specially prepared by members of the school's Parent-Teacher Association in appreciation of the volunteers' efforts.

ASCE Career Connections

ASCE introduces an exciting new benefit of membership: the Career Connections online job bank and resume service. In response to member requests, ASCE takes a step toward helping engineering employers and employees make "connections."

At no cost, you can post and update your resume, search the job-listing database, receive e-mails with jobs that match your profile, apply for jobs directly from our Web site, and participate in the ASCE Salary Survey to determine your pay rate.

With Career Connections, engineering employers can post job listings in real time, track online activity to measure advertising results, search our resume database for matching candidates, and receive auto-notifications of new prospects that meet their specified requirements.

Be sure to post your resume by January 31 for entry into a drawing for an Apple iPod digital audio player.

Start your future today with ASCE Career Connections - go to www.asce.org/careers!

ASCE Student Practitioner Advisors

By Heather Scranton, Committee on Student Affairs and Christopher Garlick, CYM Zone I Representative

Everyone knows what an ASCE Student Faculty Advisor (FA) is, but do you know what an ASCE Student Practitioner Advisor (PA) is? A PA is a member of a local ASCE Section, in which the school is located and is an associate advisor to the Student Chapter/Club. In the past the FA, has

typically been the most available and active advisor with the Student Chapter/Club members. However, the PA can provide a vibrant, practical aspect to the group, while complimenting the FA's efforts.

ASCE strongly encourages schools to enlist Practitioner Advisors to establish a connection with the Section/Branch and outside industry. In fact, ASCE recommends each Student Chapter/Club have two PA's – one YM Practitioner and one more "seasoned" Practitioner. Currently, almost all of ASCE's Student Chapters have at least one Practitioner Advisor, while about half of the Student Clubs have at least one Practitioner Advisor. However, the PA role in the student organization is often not understood by both the student organization and the advisors themselves. The goal of this article is to explain some of the activities and duties of a Practitioner Advisor and to encourage practicing engineers to develop an interest in becoming a PA, as well as help current PA's define their role.

The only requirements are that the PA 1) be a member of the ASCE Section and 2) be appointed by the Section based on recommendations of the FA and Branch (if applicable). Other "musts" are the PA set an example to the students and aid in their professional development.

So what exactly does a PA do you might ask? The roles of the PA will be different for each school; however, the PA must confer with the FA (preferably before the school year begins) and continue to check in throughout the year to make sure the PA and FA still have the same goals in mind. Some specific duties and suggestions for what the PA might do throughout the year include the following:

- Attend some of the Student Organization meetings several times a year.
- Attend the ASCE Student Regional Conference.
- Attend the Workshop for Student Chapter Leaders (ASCE provides some

reimbursement) at the annual Zone Leadership Conference.

- Provide guidance for Student Organization activities including, but not limited to 1) setting goals for the chapter, 2) speakers from the Section/Branch or joint meetings w/ Section, 3) field trips, or 4) special projects.
- Participate in discussions with the students and provide suggestions and motivation to the Student Organization.
- Maintain contact with leaders of Section/Branch to promote the Student Organization and to promote use of the Section's/Branch's facilities and benefits.
- Review and sign the Annual Report and stress that the students submit the Annual Report on time in order to be eligible for award recognition.

In summary, a PA should motivate, encourage, provide constructive criticism, compliment, question and become a mentor for the students. The PA position will vary with the different Student Organizations – make it your own!

If this sounds like something you would really enjoy doing and you wish to become a Practitioner Advisor, please first inquire with your desired school. If you are already a Practitioner Advisor and would like additional guidance on your role, attend the Practitioner/Faculty Advisor Training Workshop (PFATW) held once a year in Reston, VA. If you have further questions, you may contact ASCE Student Services by e-mailing student@asce.org.

Fort Worth Branch “Christmas Wish Project”

By Scott Berman, Fort Worth Branch, YM Chair

On December 18, 2003 the Fort Worth Branch YM volunteer group participated in our most worthy cause to date. We had fifteen volunteers donate their engineering time and talents to assemble Christmas Toys for foster children, in coordination with The Christmas Wish Project. The Christmas

Wish Project is a local non-profit organization, in which all proceeds are donated to help foster children. This project



collects Christmas gift wish lists from over 300 local foster children annually and fulfills these wishes by purchasing toys with donated funds. The toys are assembled through volunteer efforts and delivered to the children for Christmas. Toys

that needed assembly included bicycles, tricycles, and wagons. It's amazing how many engineers it takes to assemble a child's toy.

There was no problem-recruiting people for this event though. In fact, many engineers brought their spouses and friends. What a tremendous feeling to be part of a group able to provide a brighter Christmas for children who might not otherwise have had one at all.

Sponsor a New Member in January or February – Win Great Prizes

The 2004 Member-Get-a-Member Drive promises to be one of ASCE's most successful drives yet.

Sponsor a new member in January for the chance to win one of five \$200 American Express Gift Cheques or Amazon.com gift certificates – your choice! The more new members you sponsor, the more chances you have to win. In February, every sponsor will receive a prize for his/her efforts. You can help your Section or Branch become the top growing Section and Branch from each of the four Zones or top International Section – winning organizations get \$250 cash and a banner,

and one overall winner will receive \$1,000 cash and a deluxe banner!
You – and your Younger Member Group members – can participate in two ways: Simply submit colleagues' names and e-mail addresses at www.ASCEDrive.org. ASCE will send the potential members an e-mail notification of their nomination with a link to the Membership Drive Web site, where they can get complete details on ASCE membership and complete a membership application online. You can also participate by asking colleagues to join ASCE. Either way, potential members can include your name in the “sponsor” section of their membership application to give sponsorship credit.

Please help us meet our new member goal by joining in on this year's exciting Membership Drive. For recruiting information and Drive details, go to www.ASCEDrive.org.

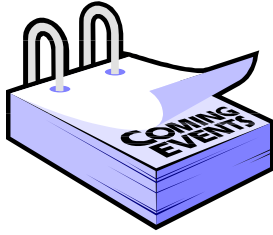
Deepal Eliatamby, Zone II Representative and Immediate Past Chair of the Committee on Younger Members was selected as one of twenty individuals making an impact, early in his career, on business in the Midlands, SC area. The business editors of *The State Newspaper* selected the winners. They comprise Columbia Business Journal's inaugural “20 Under 40” class for 2004.

Deepal earned his Bachelors (1988) and Masters (1989) in Civil Engineering from the University of South Carolina and is a registered professional engineer in South Carolina, North Carolina, Georgia, Tennessee and Ohio. Deepal is Vice President and a Principal of B.P. Barber & Associates. When asked the most valuable lesson learned Deepal replied, “There is no substitute for hard work.”

Employer Recognition Awards

In November, CYM approved the following organizations as recipients of the Employer Recognition Award, for their support of Younger Member involvement in ASCE activities:

Employer	Office Location	Nominated By
Aztec Engineering	Phoenix, AZ	Kevin Robertson
Barge, Waggoner, Sumner & Cannon	Dayton, OH	Jason Starner
Bird & Bull Engineers and Surveyors	Columbus, OH	Andrew Gardner
Brown & Gay Engineers, Inc.	Houston, TX	Sean Merrell
Contech	Norcross, GA	Robert Morris
Figg Engineering Group	Tallahassee, FL	Daniel Scheer
Georgia Power Company	Atlanta, GA	Melissa Wheeler
Golder Associates, Inc.	Atlanta, GA	Dana Mehlman
Halff Associates, Inc.	Fort Worth, TX	Scott Berman
Horner & Shifrin, Inc.	St. Louis, MO	Jamie McVicker
Hunsaker and Associates	Irvine, CA	Pearl Abarca
Lowe Engineers	Atlanta, GA	Abbie Dement
M&E Pacific, Inc.	Honolulu, HI	Kaai Cobb-Adams
MMLA, Inc.	Tucson, AZ	Sheina Pool
Pacific Water Resources, Inc.	Beaverton, OR	Katherine Sugnet
Schoor DePalma, Inc.	Manalapan, NJ	David Cranmer
Teague Nall and Perkins, Inc.	Fort Worth, TX	Sol Stigall
Vollmer Associates, LLP	Mount Laurel, NJ	David Thatcher



CYM Calendar of Events

January 23-25, 2004
February 13-15, 2004
February 27-29, 2004
March 5-7, 2004

Younger Member Council Meetings

Zone II YMC in New Orleans, LA
Zone III YMC in Chicago, IL
WRYMC in Portland, OR
NERYMC in New York, NY

February 1, 2004

YM Award Deadlines

Young Government Civil Engineer
Daniel W. Mead Prize for Younger Members
Edmund Friedman Young Engineer
Collingwood Prize
Younger Member Group Award

March 1, 2004

Nominations for CYM Zone II Representative due
at ASCE Headquarters

March 19-20, 2004

CYM Spring Meeting in San Francisco, CA

March 29, 2004

YM Newsletter (Issue 51) submittal deadline

August 1, 2004

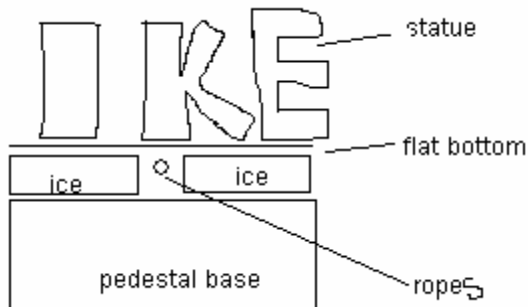
Younger Member Employer Recognition
nominations due

Problem Corner

This section was added to encourage Younger Member participation and fuel the competitive nature of most young engineers.

Send your solutions to Michael Shumsky, Editor at barkeater1@earthlink.net. Please be sure to include your respective Section and/or Branch, since individuals with the correct responses will be recognized in Issue 51 of the YM Newsletter. Good Luck! Bragging rights are at stake!

Issue 49 Answer



(Drawing submitted by Issac Wong, Student Member, Metro Los Angeles Branch, Los Angeles Section)

Congratulations to the following Younger Members who provided the correct answer:

- 1.) Matt Beverly, Capt. USAF, EIT
- 2.) Glenn N. Heistand, PE, Central Ohio Section
- 3.) Stephen Dubreuil, Student Member, Burnaby, Canada
- 4.) Jeff Wehrung, Philadelphia Section
- 5.) Marty Crow, PE, Roanoke Branch, Virginia Section
- 6.) Alice M. Hammond, PE, Pittsburgh Section
- 7.) Chris Aylor, EIT, Northeast Branch, Texas Section
- 8.) David A. Cutler, PE, Philadelphia Section
- 9.) Jacob C. White, PE, Charleston Branch, West Virginia Section
- 10.) Isaac Wong, Metro Los Angeles Branch, Los Angeles Section
- 11.) George M. Mihalik, EIT, Albuquerque Branch, New Mexico Section
- 12.) Kelly Comstock, Georgia Section

Now for this issue's problem:

Land of the giants, it is often called,
Where warriors and wizards play with wolves;
Its suns and stars get hot and cold,
Whether one is at home or on the road.
Fourteen tribes live in the west, we are told,
One less than those in the eastern world;
The weakest thirteen will give up and fold.
While the strongest continue their quest for gold.
The kings are powerful and the magic is bold,
Others can fly and are a site to behold;
But when the season is past and the story is told,
New stars are born and old tribes evolve.

What is the Land of the Giants?

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