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## Doug Kriebel, PE Delaware Valley Engineer of the Year

Douglas W. Kriebel, PE has been selected by delegates of the engineering and technical societies to be the Delaware Valley Engineer of the Year. Doug was nominated by the American Institute of Chemical Engineers, Delaware Valley Section (AICHE/DVS).

Doug is a leader in the engineered equipment business and a dedicated volunteer for the chemical engineering community in the Delaware Valley. Doug has been President and CEO of Kriebel Engineered Equipment, LTD since he founded it in 1989. Kriebel Engineered Equipment is a manufacturer's representative and distributor of chemical process equipment that has been providing solutions to the chemical process industries, the hydrocarbon processing industries, the power generation industries, and general industry in the Delaware Valley for over 20 years. At the same time, Doug has also been a dedicated Director and Communications Chief of AICHE/DVS over the years.

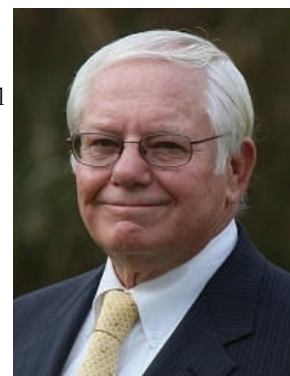
With efforts to reduce energy, greenhouse gases, and carbon footprint becoming a national priority, Doug has launched programs at Kriebel Engineered Equipment to educate operating facilities to select equipment to accomplish these reductions.

Doug has instituted free energy audits of boiler house heat cycles. Recognizing the effects of increased CO2 emissions, Doug is connecting opportunities with today's technology to provide more efficient use of resources and lessen environmental impact with reduction in energy use, greenhouse gases, and carbon footprint. These free energy audits do a heat and material balance to determine fuel savings (operating cost savings) and compares to the equipment cost to allow the plant to determine the return on investment, as well as helping the environment.

Doug also recognizes the importance of protecting workers as well as the environment. For over twenty years he has led local industries to utilize fume extractors to improve worker safety. These are relatively inexpensive devices which are worker friendly and offer significant protection from inhaling hazardous air borne pollutants.

The path to becoming the technology leader at

Kriebel Engineered Equipment started with earning a BS in Chemical Engineering at Michigan Technological University. Following employment at Philadelphia Electric Company as a station operating engineer and at Schutte and Koerting as an applications engineer, Doug worked for Ingersoll Rand Corporation. Starting in applications engineering, Doug progressed through positions of increasing responsibility and authority to a national level. During his tenure at Ingersoll Rand he honed his technical and managerial skills through courses at Columbia, Michigan State University and Texas A&M.



Despite a hectic work schedule Doug stays focused on paying back to the profession by mentoring engineering students with technical training and also career guidance.

Doug is also a welcome speaker on technical topics: pumps, hydraulic systems, mixers, water treatment, and air pollution control. Doug is also sought after to speak to professional societies; national trade shows; guest speaker at Engineering Universities, and to industrial and engineering companies.

Doug has been active with AICHE/DVS on the board of directors, newsletter editor-winning national recognition for excellence, and chairing various committees. He is also active in the International Society of Pharmaceutical Engineers and the Chemical Consultants Network.

His social involvement includes serving as President and Treasurer of the Clinkers and member of the Philadelphia Union League.

Doug has lived in the Delaware Valley all his life, and currently resides in Chester County with his wife. They have a son, daughter and three grandchildren. In his spare time Doug enjoys fly fishing, sailing and is an accomplished cook.

### Upcoming Events

- Feb 18: Awards and Proclamation Luncheon, DoubleTree Hotel Philadelphia
- Feb 22: Young Engineers Social, Field House Sports Bar
- Feb 24: Celebration of Engineering Reception, Pyramid Club

## President's Message



First of all, here's hoping your Christmas/holiday season will be a good one and we extend our best wishes to you and yours for a happy and prosperous 2011.

As 2010 hands off to '11, we look back, and it wasn't such a bad year overall for our profession. Economically, things could be better, but many of us seem to be busy, and that's a good thing – we know many in other walks of life that aren't so lucky.

Politically, it's hard to say what will happen – the so-called tax and spend crowd was

voted out even though they didn't appear to do a whole lot of taxing and spending, so it will be interesting to see how their reduce-spending replacements change this routine.

We will surely face challenges with the new political atmosphere, as prospects for positive action from our elected representatives appear dim, but they do answer to us and we should tell them how important this is. History shows that government spending has a significant "trickle down" effect to stimulate the economy. While the stimulus funding we have seen come about for infrastructure projects has been greatly appreciated and gotten a number of things off the ground, more than a "one-shot" deal is needed.

We were part of three great events in the last few months – our own September meeting, our joint meeting with ASCE in November, and the always-popular "multi-society" event in early December. We also managed to elect the 2011 Delaware Valley Engineer

of the Year, Doug Kriebel, and select the 2011 Young Engineer of the Year, Angela Fante, who will be formally introduced during our Engineers Week activities in February. Each of these folks was selected from a competitive list of great candidates – tough choices, but another indication of the many good things happening locally in engineering.

2010 brought us, finally, the continuing professional development requirement to keep our PE licenses, after a few years of waiting and too much inertia. This is a mixed blessing for many of us, as I keep hearing. In many ways, we hope it will work to strengthen our profession and bring us additional recognition and prestige. We shall see.

The holiday season is a good time to relax and enjoy family and friends, and a good time to be thankful for all the things we have. As engineers, we can be proud of the many roles and actions we take to help us get and have these things. Hopefully Santa will toss a number of "goodies" down your chimney (and hopefully the fire will be out at the time!). Using an engineer's logic, there is likely a direct relationship between how good I was (or wasn't) and what I found under the tree on Christmas, but I am very thankful for many things. I would like to thank the Club's officers, Board members and staff for all that they do to make this a great organization. The first six months of my two-year "sentence" as President has been very enjoyable so far and it's mostly because of what they do. If you see any of them in your travels, please feel free to thank them also.

Bob Wright, President

## Philadelphia Engineering Foundation

The Philadelphia Engineering Foundation was initially founded in 1967. The Foundation has always been affiliated with the Engineers' Club, with membership in the foundation and the Board of Managers contingent on membership in the Club. By the time that the Club moved out of the Spruce Street building, the Foundation had become dormant.

In 1996, some members of the Club desired to create a scholarship in honor of Lewis A. Caccese, and it was determined that the Foundation would be an appropriate vehicle for managing the scholarship. In 1998, Pennoni Associates asked the Foundation to manage a scholarship in memory of John S. Morrison. In 1997, Walter Neal, Tom Payne, and Dick Mulford, the three members of the volunteer staff that were maintaining the Club, contributed funds to create a scholarship for members of the Club and their immediate families; this is now called the Walter G. Neal Memorial Scholarship.

With the merger of the Delaware Valley Engineers Week Council and the Engineers' Club, it was decided to review and update the Articles of Incorporation and the bylaws. The Foundation's 501 (c)3 status may be useful in helping the Club to fulfill some of its mission. On November 1, 2010, the Foundation and the Board of Managers approved the revised AI and bylaws.

### **Traditional PEF Scholarship Program**

In recent years, the Philadelphia Engineering Foundation has

managed three scholarships:

- Lewis A. Caccese Scholarship
- Walter G. Neal, Jr. Memorial Scholarship (Formerly the Mulford-Neal-Payne Scholarship)
- Pennoni / John Morrison Memorial Scholarship

### **DVEW Scholarships**

With the merger of the Delaware Valley Engineers Week Council with the Engineers' Club and the recent revitalization of the Foundation, the student awards traditionally awarded as part of DVEW have been moved under the administration of the Foundation. This will provide a 501(c)3 tax deduction to individuals contributing to these awards. These scholarships include:

- DVEW Undergraduate Scholarship (\$1,000 scholarship)
- DVEW Community College Scholarship (\$1,000 scholarship)
- DVEW / American Society of Civil Engineers Scholarship (\$2,000 scholarship) (the funds for this are contributed by the Philadelphia Section of ASCE)

### **DVEW College Student Paper Awards**

For almost 30 years, there has been a College Student Paper Award as part of DVEW. Certificates of award and monetary prizes are provided for technical and/or engineering-related papers written by engineering undergraduates in two categories: freshman / sophomores and juniors / seniors. This award program is also being managed by the Foundation.

## *Delaware Valley Engineers Week Update*

Award recipients have been selected, events have been planned, sponsorships are coming in; all is proceeding towards the 2011 Delaware Valley Engineers Week. Updated information is below; check [www.dvewc.org](http://www.dvewc.org) for additional updates and information on award recipients and event details (including directions and parking).

### *Events*

Building upon last year's successful modifications of the traditional events, the three DVEW events are:

**February, 18: Awards and Proclamation Luncheon, Double-Tree Hotel Philadelphia, Philadelphia, PA; 11:00 am - 2:00 pm:**

2011 Engineers Week in the Delaware Valley kicks off with the Awards and Proclamation Luncheon. This year's luncheon will be at the beautiful DoubleTree Hotel Philadelphia, in the heart of the Avenue of the Arts.

Formal festivities will get underway with the Student Paper Poster Session and Reception, featuring a cash bar beginning at 11:00 am. Come out and meet the award recipients, talk to the students about their papers, and network with your fellow engineers.

Following lunch, we will present the DVEW awards. The 2011 Engineer of the Year, Douglas W. Kriebel, PE will be formally introduced. Mr. Kriebel and the 2011 Young Engineer of the Year, Angela Fante, PE, LEED AP, will make brief remarks and kick off the celebration of Engineers Week in the Delaware Valley.

An addition to the events this year will be the recognition of award recipients who have been honored the past year by the various engineering and technical societies. The Awards PowerPoint and program will recognize the member of the year / project of the year, etc. award recipients from these societies who have submitted the Affiliate Award Recognition Form.

**February 22: Young Engineers Social, Field House Sports Bar, Philadelphia, PA; 6:00 – 9:00 pm**

Plan to attend and join young engineers (and those young at heart!) from around the Delaware Valley at this social networking event. Enjoy a buffet dinner as you network and socialize in an informal setting.

As part of the evening's festivities, Angela Fante, the 2011 Delaware Valley Young Engineer of the Year, will be recognized and make brief remarks.

The loft area of the Field House is reserved for us, so you can rest assured that everyone up there is an engineer (or at least willing to hang out with engineers). In addition to the two drink tickets included with admission, there will be drink specials, Wii, and darts. Plus it's located inside the Market East Train Station, so it will be easy to get there.

**February 24: Celebration of Engineering Reception, Pyramid Club, Philadelphia, PA; 6:00 – 9:00 pm**

The concluding event of Delaware Valley Engineers Week will be the Celebration of Engineering Reception. Last year, we replaced the traditional Saturday Banquet with a Saturday Celebration of Engineering Gala. While well received, there was additional feedback that a weekday evening event was preferred by many over a Saturday event. It will be an evening of socializing and honoring

this year's major award recipients.

This social/networking event to celebrate engineering will include:

- Cocktails, appetizers stations, and pasta and carving stations
- Future City Competition Regional winners will display their first place model.
- The Engineer of the Year and Young Engineer of the Year will provide brief remarks, followed by a brief recognition of the Hall of Fame inductees.

Note: Business casual attire (or better) is required in all areas of the Pyramid Club.

### **Reservation information**

Advance reservations for all three events are available through the end of Friday, February 11, 2011; price for each event will go up after February 11 (subject to space availability).

	Luncheon	Social	Reception
Advance reservations by February 11	\$50	\$20	\$90
Late reservations after February 11	\$60	\$25	\$100

Reservations can be made in several ways:

Online: [engrclub.org/to/DVEW\\_2011](http://engrclub.org/to/DVEW_2011)

Email: [reservations@engrclub.org](mailto:reservations@engrclub.org),

Phone: 215-985-5703

USPS: Engineers' Club of Philadelphia  
215 S. 16<sup>th</sup> Street, Suite 16  
Philadelphia, PA 19102

### *Awards*

Most of the awards have been selected, but there are still some award opportunities available

**Affiliate Awards Recognition Program:** In a new effort to celebrate all engineering disciplines, DVEW will include recognition of those projects or individuals who have been honored by the various technical societies over the past year (since 2010 Engineers Week) as Project or Engineer / Member of the Year or similar designation as part of the Affiliate Award Recognition Program. Go to <http://www.dvewc.org/awards/affiliateAwards.php> for more information and how to submit. The deadline for submission of this form has been extended to January 14.



**Teacher And Student Awards:** Nomination / application forms are still being accepted for Delaware Valley Engineers Week Outstanding Math and Science Teachers and Outstanding High School Student. DVEW has been presenting these awards for many years. However, we are using a different nomination proc-

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## Communicating Technical Issues with Levity and Panache

Our November 4 meeting was a joint effort sponsored by the ECP and co-sponsored by the American Society of Heating, Refrigerating and Air Conditioning Engineers, Philadelphia Chapter (ASHRAE), the Construction Management Association of America, Mid-Atlantic Chapter (CMAA) and American Society of Civil Engineers (ASCE), Philadelphia Section.

A lively crowd of over 100 attendees came out, presumably looking for some professional help with their presentations. They would not be disappointed.

ECP President Bob Wright got things going with a welcome to the audience. The section presidents of the other three participating societies were given an opportunity to provide their welcome and section announcements. As is their usual practice, ASCE also welcomed a local student chapter, this time Swarthmore College, who also provided updates about their activities.



Following dinner, ECP President Wright introduced the evening's speaker, Dr. Fred Kulhawy of Cornell University, reading a small portion of Dr. Kulhawy's impressive resume. Dr. Kulhawy noted that his presentation was originally developed as part of the Hal Hunt Lecture series in 1989 for the Deep Foundations Institute's annual meeting.

toons on one of his favorite subjects, the Leaning Tower of Pisa, and he has used these in presentations to reference issues on proper design, construction, testing, and coordination on projects. These further illustrate the point that there is no such thing as a "little" mistake in civil engineering. He added that the derivation of civil engineering, from military and public works production, lent a bit of fun to the name, and he displayed a cartoon showing a comparison of civil and "nasty" engineering.



Engineering has many stereotypes and Dilbert is perhaps one of the more popular ones, as Dr. Kulhawy presented with several cartoons. He showed an excerpt from a Yellow Pages edition in the United Kingdom which listed the category of "Boring" and indicated that one should "see Civil Engineers", a reference to who could perform and analyze core borings but something that could be taken another way. This is a good example of the need for engineers to wordsmith and choose words and phrases more carefully when presenting, particularly to those outside the profession.

Dr. Kulhawy stated that at least one technical society had advised authors to avoid humor and levity in papers and articles as this was viewed as unprofessional, and he related his own experience in the publication of a technical journal that he was asked to edit. He noted that humor adds a level of interest to the article in his view.

Dr. Kulhawy took a few shots at consultants (con + insult = consult) and lawyers for the benefit of those in the audience.

Dr. Kulhawy concluded his presentation with the emphasis that communication tools need to be used well to be most effective, and this includes the proper use of language. Words should be chosen carefully and levity is definitely a "plus".



Dr. Kulhawy began with some basics, including definitions on what communications, levity, and panache should be, along with some guidance with a quote from Albert Einstein that "Everything should be as simple as possible, but not one bit simpler". He gave some examples of the misuse of grammar, words, and punctuation that are commonly found and should be avoided. He additionally presented some advice from Joseph Pulitzer, "Put it before them briefly so they will read it, clearly so they will appreciate it, picturesquely so they will remember it, and, above all, accurately so they will be guided by its light". This would include the reduction of jargon, even when the audience is a technical one, to help make your point.

Dr. Kulhawy remarked that he has amassed over 40 car-



## Student Outreach Programs Need Volunteers and Financial Support

We remind you that, as part of its ongoing effort to assist the affiliated engineering and technical societies and to support student outreach efforts, the Club has compiled information on various programs which are looking for funding and/or volunteers to support the program. You will find information on each of these programs at [engrclub.org/to/Student-Outreach](http://engrclub.org/to/Student-Outreach). In addition to these larger programs, many of the engineering and technical societies are always looking for additional financial or volunteer support for their section / chapter activities. Check our list of Affiliate Societies at [engrclub.org/affiliates/](http://engrclub.org/affiliates/). If you have a program you'd like to have included in this list, contact Susan Best.

## Delaware Valley Engineers Week

(Continued from page 3)

ess than in the past. Anyone is welcome to submit nominations. This would be a great way to recognize a math or science teacher that has made a difference in your or your child's life. For students, it's a good way to recognize an outstanding high school senior who plans to enter the engineering field, and will also provide some additional financial resources for that first year of college. Nominations / applications are due January 5, 2011. Details are available at [dvevc.org/awards.php](http://dvevc.org/awards.php).

### Philadelphia Business Journal Advertising

Since 1998, we have partnered with the Philadelphia Business Journal (PBJ) to create an Engineers Week Supplement. In recent years, this has been a 12 or 16 page supplement, recognizing the DVEW award recipients and providing articles and information about engineering. The PBJ provides discounted advertising rates in the supplement, and this advertising supports the content we can include about engineering. Advertisers who commit to a 1/4 page (or larger) ad will gain additional marketing leverage in the form of editorial space for showcasing expertise, projects and staff accomplishments. This is a perfect opportunity for advertising by and to engineering firms. For more information contact Angela Fante at [afante@ballinger-ae.com](mailto:afante@ballinger-ae.com).

PHILADELPHIA  
**BUSINESS  
JOURNAL**

### Engineers Week Sponsorship Packages

Delaware Valley Engineers Week can't happen without the financial support of the engineering community. The more support we get from the engineering community, the better we can celebrate engineering and educate the public about engineering. This year, our Sponsorship Opportunities Brochure has been completely revamped and updated. We have renamed the recognition levels and placed them in a grid for an "at-a-glance" visual inspection of the benefits for each level of giving. A section for "additional" sponsorship recognition for various E-Week events can also be found in the brochure. The brochure itself gives an excellent summary description of Engineers Week, as well as the DVEW events that volunteers from the various technical societies are planning to make it a wonderful celebration of the profession. Please join many of your engineering friends and peers across the region in all engineering disciplines by contributing toward the success of Delaware Valley Engineers Week. Details are available at [dvevc.org/about/sponsors.php](http://dvevc.org/about/sponsors.php).

### Other Engineers Week Events

Many companies, universities, and engineering societies celebrate Engineers Week through their own events. We would like to help promote these events and demonstrate the reach of Engineers Week in the area by including information on these events on the [www.dvevc.org](http://www.dvevc.org) website. Please send your information, including a link to your Engineers Week website, to the Club office.

## Technical Society Leadership Corner

**Technical Society Calendar:** Don't forget to send us your meeting information so we can add it to the Joint Technical Society calendar – just send to [calendar@engrclub.org](mailto:calendar@engrclub.org) (if you want, just add this email address to your mailing list). Also, check out the calendar when scheduling your meetings, to help avoid conflicts for some of your potential attendees.

**Contact Update:** If you'll be changing officers or other contacts with the new year and you haven't done so already, please send us your updated contact information ([tinyurl.com/affiliate-update](http://tinyurl.com/affiliate-update)).

**Scholarship Information:** Technical societies can post information on their scholarship programs and college students can check out the listings for possible scholarships. There are only a limited number of scholarships currently posted and we encourage technical societies to submit their information. Please complete the Scholarship Information Submission Form ([tinyurl.com/Affiliate-scholarship](http://tinyurl.com/Affiliate-scholarship)). Please help us help engineering students with their college education.

## Thank You

The success of the Engineers' Club is a result of many involved volunteers. We thank these volunteers and the companies that support them in their efforts. There are many specialized services for which corporate members have graciously offered their support with in-kind services and we gratefully acknowledge these services:

- IT and conference calls: Pennoni Associates, Inc.
- Web support: STV, Inc.
- Meeting rooms: Pennoni Associates, Inc. and Urban Engineers, Inc.
- Graphic support: Arora Engineers, Inc., McCormick Taylor, Inc. and Urban Engineers, Inc.

If you have a service to offer the Club, contact Susan Best.

## Multi-Society Meeting—Panama Canal Expansion

This month's event has come to be billed as the "Multi-Society Event", having grown to the point that nine (!) different technical societies share the sponsorship billing. The Society of American Military Engineers (SAME), Philadelphia Post has assumed the unenviable task of lead society and meeting coordinator.

Sharing the "marquee" with SAME and ECP were the American Society of Civil Engineers (ASCE), Philadelphia Section; Association for the Advancement of Cost Engineering (AACE), Delaware Valley Chapter; the Construction Management Association of America (CMAA), Mid-Atlantic Chapter; the Institute of Industrial Engineers (IIE); the Pennsylvania Society of Professional Engineers (PSPE), Philadelphia Chapter; the Project Management Institute (PMI), Delaware Valley Chapter; and the Society of Naval Architects and Marine

Engineers (SNAME). This veritable alphabet soup of groups combined to produce the usual great meeting that has become almost expected of this event.

Post Director (and Club member) Thom May, the "emcee" for the event, welcomed the room-filling crowd and introduced Sgt. Simpson of the United States Marine Corps, who thanked those present for their generous donations to the Toys for Tots collection conducted prior to the meeting.

Following dinner, David Nisula, Assistant Program Manager of the Panama Canal Expansion Program

for CH2M Hill presented a short background on the program. The owner, the Panama Canal Authority (ACP in Spanish), has embarked on an ambitious expansion and modernization of the nearly-100-year-old Canal which is valued at \$5.25 billion. ACP is a semi-autonomous government agency in place to manage the Canal since its turnover to Panama from what was the United States Canal Zone.

### Why Expand the Canal?

Mr. Nisula presented some facts and figures on the Canal. Its annual "traffic" is approximately 13,000-14,000 movements and it handled its one millionth "customer" in September. Nearly 75% of seagoing cargo uses the Canal. This level of traffic continues to grow and the Canal will reach its capacity in the next three



years. Additionally, when it was built over 100 years ago, ship dimensions were smaller and the current standards for vessels are more generous. Large ships can often be accommodated difficultly if at all and they must move through the Canal slowly, affecting other traffic. Often, there is a 7-10 day wait for ships to transit the Canal, with backups at either end. The expansion project to target and resolve the operational and dimensional limitations was passed in a national referendum in October 2006.

Much of the funding needed for the work will come from user fees. Mr. Nisula explained that \$2.3 billion will need to be borrowed from five different banks in the international finance market. Contrary to at least some popular belief, the project is not being backed by Chinese interests.

### Components of the Expansion

Mr. Nisula outlined the various component parts of the Canal upgrade:

Pacific Access Channel - a multi-phase effort:

- Phase 1 was awarded in July 2007 with a value of \$40 million and has been completed.
- Phase 2 was awarded in November 2007, worth \$25 million, and is complete.

Each of these Phases included over 7 million cubic meters of excavation.

- Phase 3 is underway, at a cost of \$35 million, with 8 million cubic meters of excavation.
- Phase 4 was recently started, with a value of \$268 million, with 26 million cubic meters of dry excavation.

Pacific Entrance deepening/widening is underway, worth \$100 million, with 5 million cubic meters of dredging.

Dredging Gatun Lake and approach channels is one-third complete, with a cost of \$60 million and nearly 8 million cubic meters of dredging.

Atlantic Entrance deepening/widening is underway, at a cost of \$106 million with 10.4 million cubic meters of dredging.

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## Speaker's Bureau

In response to various comments over the past few years, the Club is officially initiating a Speaker's Bureau. The intent is to be able to be a resource for speakers as part of student outreach efforts in the schools (both K-12 and collegiate), as speakers for the engineering and technical society regular programs and /or special events, and to speak to the press upon request. To make this work, however, we need information on **YOU!!** Please fill out the form at [tinyurl.com/ECP-Speakers](http://tinyurl.com/ECP-Speakers) and return to the Club. For now, someone looking for a speaker can contact Susan Best; in the future, we hope to have a web-based directory.



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Mr. Nisula reported in detail on the Lock Reconstruction, a design/build effort. This is about 5% complete on the construction side. The result of this effort will be new locks that are 400 feet longer, 18 feet deeper and 70 feet wider than the existing locks, with a more efficient method of filling/emptying to be provided. The new method has been used in several locations in Europe but not yet to the scale that will be required on the Canal. It uses 7% less water and depends more on gravity feed than the pumps previously utilized.

The Locks adjacent to each ocean entrance will also be expanded. Mr. Nisula noted that in the 1930's and 1940's some work had been undertaken to do this but it was never completed. The remnants of that uncompleted work will be utilized for parts of the current program.

Contracts have recently been awarded for dredging of the north access lanes to the Pacific Access Channel, revisions in the Gatun Lake area to increase operating levels and control water elevations, associated environmental/social monitoring/control, and general reforestation of sites throughout Panama as mitigation efforts for the Canal expansion. Mr. Nisula compared the proposed work to the original Canal. When it opened in 1914, the Canal had required over 200 million cubic meters of excavation and 3.4 million cubic meters of concrete. The expansion program will add 75 million cubic meters of excavation and 4 million cubic meters of concrete.

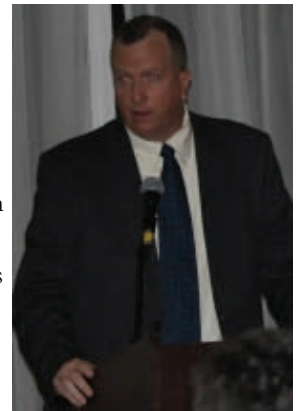
Mr. Nisula described associated improvements occurring at US ports through local port authorities, including Philadelphia's. ACP has forged relationships and covenants with many of these agencies, which are anticipating the increased shipping efforts that will come with the new, improved Canal.

ACP hired CH2M Hill for overall program management of the Canal effort, and Mr. Nisula outlined the firm's use of project management integrated system (PMIS) techniques and programs to monitor the complicated schedule, costs, expenditures, the myriad of construction contracts and contractors, and general reporting.

Mr. Nisula discussed the major cultural challenges of an American company doing business in a foreign country, with project partners from numerous companies in various countries.

All contracts have come in under budget, taking advantage of depressed economic conditions, and meeting the schedule for the most part.

On behalf of all the societies represented at the meeting, Post Director May presented Mr. Nisula with the Post's token of appreciation for a job well done.



## Member Dues

Membership dues for Club members have been mailed. If you have not received your dues bill, contact the Club office.

The Member and Partner Relations Committee has been developing ways to provide increased member benefits. Two efforts currently underway are:

- Emphasize the availability of the Racquet Club for use by members; and
- Free webinars for PDHs; hosted by a corporate member.

Look for more details on these member benefits in the near future.

## Club's Board of Directors

President, 2010-2012: **Robert M. Wright, PE**; Urban Engineers, Inc.

President-Elect, 2010-2012: **Michael J. McAtee, PE**; Urban Engineers, Inc.

Vice President, 2010-2012: **E. Mitchell Swann, PE, LEED AP**; MDC Systems Corporation, LLC

Secretary, 2010-2011: **Michael A. Porter, PE**, TriState Building Systems Integrators

Treasurer, 2010-2011: **Richard A. Mulford, PE**, Retired

Director, Class of 2011: **James P. Markham, PE**, Pennoni Associates Inc.

Director, Class of 2011: **Carol C. Martsoff, PE, LEED AP**; Urban Engineers, Inc.

Director, Class of 2011: **Christopher I. McCabe, Esq.**, Jacoby Donner, PC

Director, Class of 2012: **Michael V. Griffin, PE**, Hill International, Inc

Director, Class of 2012: **Jeannette Quirus, PE, PTOE**, McCormick Taylor, Inc.

Director, Class of 2012: **Megan Symnick, PE**, Hill International, Inc.

Director, Class of 2013: **Christopher J. Menna, PE**, Philadelphia Department of Streets

Director, Class of 2013: **Peter M. Silverberg, PE**, Retired

Director, Class of 2013: **Lydia Kokolskyj**, Rutgers University

Past President, 2004-2006: **Joseph R. Symnick, PE, PLS**, Schuylkill River Development Corp

Past President, 2006-2008: **Ruben D. David, PE**, Philadelphia Department of Public Property

Past-President, 2008-2010 **Eric L. Flicker, PE**, Pennoni Associates Inc.

Executive Director (non-voting): **Susan L. Best, PE**

# Engineers' Club Membership

## Engineers' Club of Philadelphia

The Engineering and Technical Center  
of the Delaware Valley

215 South 16th Street, Suite 16

Philadelphia, PA 19102

Phone: (215) 985-5701

General e-mail: [contact@engrclub.org](mailto:contact@engrclub.org)

Executive Director: Susan L. Best, PE, [sbest@engrclub.org](mailto:sbest@engrclub.org)

Visit Us On The Web @ [www.engrclub.org](http://www.engrclub.org)



### The Bulletin Staff

**Editor:** Susan Best

**Staff and Contributors:** Dick Mulford, Bob Wright, Jocelyn Craighead

**Additional Staff /Articles Welcome** - send to Susan Best at the Club office.

The Club is the focal point for the engineering community in the Delaware Valley and provides a unified voice for the profession. It stimulates interest in the field so young people want to become an engineer. It helps build future leaders in the engineering profession to ensure excellence in engineering continues in the Philadelphia region for generations to come.

It is an exciting and energized time for the Club – full of many new initiatives and opportunities for both the Club and its members. The Club offers **individual (including students) and corporate memberships** and an **affiliate society membership** package. We are also looking towards developing partnerships with other organizations with overlapping interests.

We invite you to become a member. Please consider urging your company to become a corporate member. It may be a very cost effective way for your company to handle Club membership.

For further details about membership packages please visit our website at [www.engrclub.org](http://www.engrclub.org) or contact Susan Best, PE, Executive Director, at [sbest@engrclub.org](mailto:sbest@engrclub.org) or (215) 985-5702.

### Gold Members



### Silver Members



### Bronze Members

