



News from Delaware's Licensing Council for Professional Engineers

Winter 2012

PRESIDENT'S MESSAGE

By Charles L. McAllister, P.E.



As a member of Council for the last five years serving as Treasurer and Vice President, I was elected to serve as President of DAPE for the next year. I have been working in industry for the past 42 years, doing machine design, product development and managing the construction of facilities for manufacturing. I'm

looking forward to leading DAPE into the busy year ahead.

This year we need to prepare for the upcoming transition to **computer-based testing** for the Fundamentals of Engineering exam in Jan. 2014; **continued professional competency**; and for the **Spring NCEES Northeastern Zone meeting**, which DAPE will be hosting in Dover in May. We have ad-hoc committees working on these issues and expect to move forward towards finalizing necessary changes. Adding continued professional competency to our list of licensing requirements will bring Delaware in harmony with our surrounding states and help DAPE members holding multiple licenses meet the requirements of our neighboring states. There will be more information on this subject in the future, as the committee develops the path forward.

We have just celebrated Thanksgiving, Christmas and the New Year when the whole world looks for the best in mankind. We, as Professional Engineers, should always be looking towards the best we can do in all aspects of our service to the community and our peers. Remember our Code of Ethics, Canon 1

states, *"The engineer shall hold paramount safeguarding life, health and property and promoting the public welfare in the performance of his professional duties."* With this in mind let's always remember to work towards this goal as part of our daily activities.

Since it is a new year, I recently heard the top ten list of New Year resolutions, which included one that said to help people more often. Isn't this what an engineer does at all times? We work with or for people requesting our help to solve problems which are beyond their abilities. We always perform to the best of our knowledge and ability, whether that means consulting with our peers who may have more knowledge in the subject being investigated. Winston Churchill once stated, "We make a living by what we get, we make a life by what we give." DAPE Council and associated committee members give of their time to ensure the Delaware engineering community is well represented within the state and on the national level. We have hard working members to help to police ourselves (Law Enforcement/Ethics Committee), ensure the individuals requesting licensing have the appropriate credentials (Examining Committee), and ensure funding and investments are properly maintained (Finance Committee). These are just a few examples of the activities the members of DAPE volunteer their time and knowledge. Thank you to all who have shared their valuable time to make DAPE the success it is today.

Going back to the New Year's resolutions to help people more, how many of you have reached out to help fellow engineers or a college student struggling with classwork or who has been helped when you were a student. We have all been in these

situations experiencing the joy or relief of helping or being helped. On a personal note, I would like to thank a fellow DAPE member, Albert Skinner, for his patience, support and encouragement which began during high school, continued through college to the present day. Without his support, I would not be an engineer today.

MESSAGE FROM THE EXECUTIVE DIRECTOR
By Peggy Abshagen

'Tis the season when we take the time to recognize the engineering excellence of an Engineer, and in Delaware, a young Engineer, and DAPE's Distinguished Service Award recipient. **Guy Marcozzi, Jason Hastings** and **Daniel Koffler** are all well deserving of the recognition to be bestowed upon each of them this month.

DAPE is ripe with many excellent engineers who not only are a credit to their profession in their careers, but also to the profession as a whole. These individuals participate in the work of our various committees, serve on our Board, proctor our exams, mentor the young engineers of tomorrow, and do not hesitate to give their knowledge, time and energies to the many tasks at hand.

Members of DAPE have a unique opportunity to participate in its many activities, unlike other boards across the country. We elect our own board members (with the exception of the three public members appointed by the Governor); we appoint our own committee members; and we recruit volunteers to accomplish our other charges (exam administration, licensure promotion, investigation of violations, etc.).

At our fingertips we have a wealth of resources to tap into and we are not disappointed when we place the call.

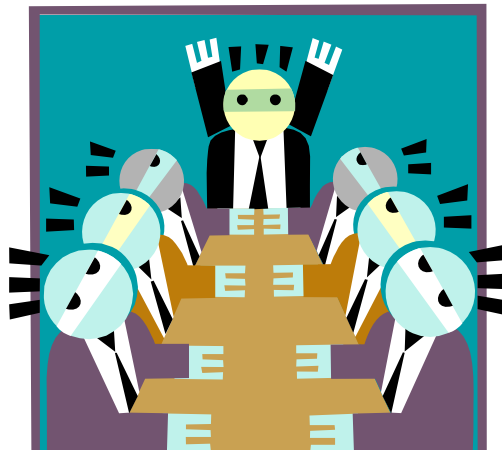
Our sincerest appreciation goes out to all those that have volunteered or stepped up to the plate when we needed you the most. I wish I could list everyone's name here, but, that is impractical. Please know that your services have been not only appreciated, but necessary to the success of our organization. You have made DAPE what it is today – an organization to take pride in.

2012 COUNCIL SEAT ELECTION

Each year, three Council seat vacancies require an election to fill these seats. This year the three seats up for election are:

- ✓ Mechanical Engineering
- ✓ Education
- ✓ Sussex County

Seat terms are four years and the law permits Council members to serve a maximum of two terms. If you are interested in serving on Council; are qualified to represent the constituency of the seat; are a resident of Delaware; and, a citizen of the United States, please contact the DAPE office to petition for the seat. Petitions are due by May 1st. Ballots will be mailed by June 15th!



LAW ENFORCEMENT CORNER:

Case 10/076: University Consulting Engineers (UCE). Unlicensed practice of engineering -- Case has been appealed to Superior Court and has attracted the attention of several media publications. We'll provide you an update upon the conclusion of the litigation.

2012 DISTINGUISHED SERVICE AWARD

The Sixth Annual Distinguished Service Award goes to **Daniel Koffler, P.E.**, of Koffler Associates, Wilmington Delaware. License #1439 was issued to Dan on March 13, 1956. Dan holds the distinction as one of our few licensees who has been licensed fifty years or more. His first renewal fee was \$5.00 back in 1956!

A graduate of New York University with a bachelor's degree in civil engineering, Koffler was employed by Ammann & Whitney as Senior Structural Engineer, prior to starting his own firm providing a broad range of architectural engineering services including such specialties as roofing, elevators, and construction management and forensic engineering.

Dan has served as a member of the DAPE Council and continues his services today as a member of the Examining Committee, reviewing the credentials of applicants, as well as the Law Enforcement/Ethics Committee, investigating alleged violations of the Code of Ethics and the law.

When he is not working or volunteering his time with DAPE, Dan spends time with his family out on the west coast and is actually quite the artiste painting and sculpting.

DAPE is extremely fortunate to have shared Dan's wisdom, expertise and friendship over the years. A dinner to present the award to Dan was held on February 6th at the Christiana Hilton, attended by all his peers.

Congratulations Dan on this year's Distinguished Service Award!

longer am, I have a good feel for which of our laws are worth their weight in ink and which ones are not.

It might be safe to say that all laws of any category contain legal constraints that no longer apply and possibly never did. For example: Lewes, Delaware has a law stating that "it is illegal to wear pants that are "firm fitting" around the waist". How else are you going to wear them? In Rehoboth Beach, "it is illegal for six-year-old girls to run around without being fully clothed". Why does that not apply to 16 year-old girls? The bottom line for this writer's viewpoint on the subject is, **"if it's not enforceable or is determined to be irrelevant, take it off the books"**.

One such Canon of the Code of Ethics that should fall under this category is 1.C. which in part reads, **"The engineer should be committed to improving the environment by adherence to the principles of sustainable development, so as to enhance the quality of life of the general public"**. The code goes on to provide a textbook definition of sustainable development, which was actually crafted by the "World Commission on Environment and Development". **The short of it is that we should strive to meet the needs of the present without compromising the ability of future generations to meet their own needs.**

That's all very good, but should it be a requirement? If I recommend that a structure be a timber framed one, which is one of our greatest renewable resources, in lieu of steel, which uses much energy to produce, but both my clients (the architect and the owners) prefer steel, will DAPE come after me for not adhering to sustainable development ideals? This writer personally fails to see just how such a law that applies to us engineers, under Delaware Code Title 24, Chapter 28) can be enforced. Therefore, it should not be a law.

Section 2817 (1) a. and b. of our laws establishes that one of the requirements for licensure (for graduates from an approved engineering educational program) is 4-years or more of (full time) professional experience in engineering work of a character satisfactory to the Council. However, Section 2818 (a) cuts engineering faculty members teaching advanced engineering subjects (such as one or two 3-hour courses a year) a great deal of slack by accepting the latter as being equivalent to full-time engineering practice. Furthermore, 2818 (c) reduces such a faculty member's experience period from 4 years for all of us, down to only 2 years for



Some Laws Are Just Plain Senseless

By Robert A. Chagnon, P.E.

I just might be getting myself in big trouble here since the DAPE Council recommends what laws are needed and which one's aren't. However, once having been an active member of DAPE's Law Enforcement and Ethics Committee for a dozen or more years, of which I no

those with additional education (MS and/or PhD). What a deal.

The latter 2818 (c) is rather new but the former 2817 (1) a. and b. have been on the books for well over a dozen years or so. It's introduction and passage objective was to provide an incentive for engineering faculty teaching upper division courses to become P.E.'s by not having to actually practice engineering in the real world. At the time there were only 4 or 5 PE's in the U of D's CE Department and the objective was not only to increase that number for that department but to also increase the number of PE's teaching engineering in general.

The objective didn't work. Recently, the U of D's Civil Engineering Department underwent an ABET accreditation review. At such, it was recorded that only 6 of their 30 professors were PE's, or 20%. That's an improvement of one or two over the better part of 12 years. I thought that to be pretty bad till I researched how that figure rated against other institutions. As it turns out, U of D's CE Department fairs quite well with the PE situation in comparison. A study made at the University of North Texas on "The Role of Professional Registration in Engineering Academia", revealed that in schools comparable in size to U of D's engineering programs, 70% of schools had 20% tenure track faculty with PE's and only 15% had 80% or more. Furthermore, schools with only undergraduate programs in engineering in general had more than 50% tenure track faculty with PE's, while those with only graduate programs generally had no PE's on board.

In this writer's opinion, what matters most here is not how many PE's are active in a program but do those PE's represent what's needed for providing our future graduates with the hands-on practical knowledge needed to hit the floor running when first employed, as well as being able to interact and communicate effectively with others?

Bottom line, a few hours of teaching theory every once in a while (that a faculty member may never had to apply) doesn't come close to the actual practice of engineering in the real world. Therefore, let's get rid of those related laws that fail to meet their intended objectives.

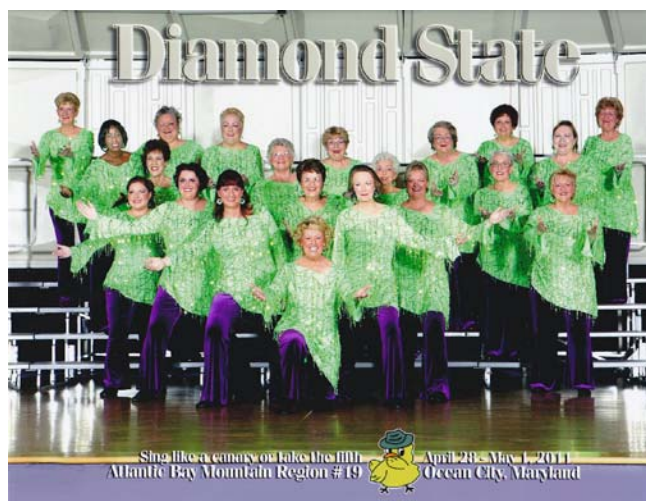
(This writer's opinion does not reflect the opinion of the DAPE Council. Note: Council approved the addition of the sustainable development ethics provision to remind DAPE members of their environmental obligations.)

SO . . . WHAT DOES AN ENGINEER DO WHEN NOT ENGINEERING????

Newly licensed Nicole Burkhardt (PE license #17243), currently employed with the Delaware Solid Waste Authority, spends many hours exercising the right side of her brain singing with three Delaware performing groups. Most notably, she sings in and serves as President of the Diamond State Chorus (DSC) of Sweet Adelines International (SAI), a women's organization devoted to preservation of the barbershop style of singing.

On April 30, 2011, DSC competed in an annual SAI regional competition in Ocean City, MD. The chorus won first place in the small chorus division, and later learned on May 24, 2011 that their score ranked them among the top five small choruses internationally. DSC, along with the other top five small choruses, has been invited to sing at the international Harmony Classic competition being held in Denver, CO on October 30, 2012. DSC is very proud to be the first chorus ever to represent Delaware in this competition.

Nicole also performs in a barbershop quartet named Who's on Bass? and serves as Artistic Director of the Opus One Vocal Jazz Ensemble. She is also very active in Sigma Alpha Iota International Music Fraternity, serving as a Fraternity Director.



(Nicole is pictured in front row, far left)

If you would like to share with DAPE some of your interests, send us your photo and details!

**NEW PROFESSIONAL ENGINEERS ADDED TO
THE ROLLS ...**

With the successful completion of the October, 2011 exam administration, the following individuals were approved for licensure:

Abbott, William	#16875
Alfrey, Alex	#17227
Andrukat, Dennis	#16953
Angel, Todd	#17550
Arvin, Richard	#16377
Baxter, Andrew	#15483
Bernardes, Renato	#17604
Berndt, Michael	#16846
Bert, Eric	#17142
Bett, Kyle	#17561
Billingsley, David	#17453
Boatright, Aleem	#14730
Bozorg Haddad, Amir	#17448
Burkhardt, V. Nicole	#17243
Chalfant, Elizabeth	#16551
Clayton, Jason	#16988
DeLoach, Justin	#16946
Dietrich, James	#17494
Dumin, Iwona	#17114
Eggers, Shannon	#17195
Eno, Nicole	#17394
Flairty, Jeffrey	#15866
Gibbons, Matthew	#17483
Gloyd, Meghan	#17563
Greenberg, Jonathan	#16532
Guinivan, Robert	#17479
Hatfield, Charles	#16882
Haywood, Kathryn	#12910
Hursh, Jason	#15868
Jenidi, Murat	#17275
Jia, Yan	#17548
Johnson, Roderick	#17201
Johnson, Jeremy	#17511
Kamens, Brian	#17095
Lennon, Michael	#16451
Leone, Jennifer	#12921
Maldonado, Susan	#17343
Massey, Jason	#16969
McAnally, Michael	#17422
Measamer, Christine	#16643
Moore, Robert	#17584
Morrison, Jordan	#17552
Mortenson, Matthew	#17572
Mullin, Mark	#15751
Nauman, Mark	#17515
Ochola, Charles	#17310
Ortiz, Neftali	#17605
Pace, Christie	#17529

Parikh, Niraj	#16998
Paul, Daniel	#16868
Pote, Michael	#17556
Quick, Stephen	#16887
Rachakatla, Prasanna	#15501
Rakowski, Michael	#17530
Roy, Sujoy	#17259
Schultes, Kevin	#16147
Sethuraman, Rajamani	#16775
Slane, Thomas	#16434
Song, Injun	#17255
Tanzer, Aaron	#15493
Tieger, Robin	#17553
VanBriesen, Jeanne	#17260
Wallace, John	#17598
Walters, Jason	#16401
Williams, Patrick	#16251
Woodin, Stephen	#17263
Yezdimer, Kevin	#16788
Young, Alan	#15874
Zhang, Lan	#17082

CONGRATULATIONS!

CALLING ALL PROCTORS

What are you doing on **Friday, the 13th (in April) or Saturday, April 14th**? We are in need of proctors for our April exam administration. Rookies and veterans are all welcome. This is your opportunity to give something back to your profession and at the same time enjoy a few hours with your peers over a delicious lunch!

We have morning and afternoon shifts and will provide you the necessary training. Please check your calendars and give us a call, send us an email or a smoke signal. We'd love to hear from you and have you join us!

NEW ENGINEER INTERNS

Abbott, Andrew
Abell, Danielle
Ahn, Ryan
Aiken, Rebecca
Aldrich, Chanel
Amabile, Robert
Anagnostakis, Emmanuel
Arenz, Matthew
Asif, Ammara
Banker, Sean
Barranco, Timothy
Barrett, Nicholas
Barton, Ryan
Belig, Johnathan
Bell, Blake
Binder, Charles
Binder-Macleod, Rina
Block, Mara
Blumenthal, Brennan
Brooks, Sean
Bruno, Louis
Bruno, Thomas
Buck, Taryn
Burkholder, Matthew
Burns, Thomas
Chaires, Kyle
Chandratilleke, Gannanth
Chaplin, Zachary
Cheng, Yin
Chun, David
Clark, Richard
Cleary, Heather
Clifton, Andrew
Clohessey, Andrew
Collins, Erin
Comiskey, James
Connelly, Andrew
Cosgrove, Joseph
Csoboth, Christopher
Dan, Quan
Davis, Brett
Dawson, Connor
DeLeon, Misty
DiBiase, Andrew
DiPasquale, Andrew
Dodge, Thomas
Dove, Matthew
Downes, Kelly
Drogalis, James
Durante, Anthony
Eggleston, Erik
Ehrmann, Scott

Ervin, Tracie
Falduto, Michael
Finkle, Gregory
Finnegan, Colin
Fitzgerald, MaryKate
Gardner, Amy
Glencross, Brandon
Greene, Dane
Greenstein, Mark
Gretina, Emma
Grossbach, Matthew
Guo, Xiaohange
Hann, Sarah
Heller, Scott
Henderson, Joseph
Henner, Colin
Heyward, Kwame
Hinman, Brandon
Hogge, William
Hollandsworth, Jess.
Hsu, Yeh-Chun
Hubler, Jonathan
Huskey, Neil
Igo, James
Ike-Egbuonu, Chid.
Ishii, Kyoko
James, Jeremy
Jump, Nathan
Kehr, Daniel
Kelly, Michael
Kerrigan, Thomas
Koniuk, Justin
Kostek, Adam
Kukoleca, Milos
Kutchen, Timothy
Laidman, Dakota
Lauenstein, Jessica
Lee, Alexander
Leung, Patrick
Lifvergren, Brian
Litowitz, Justin
Loccisano, Anthony
Lowe, John
Lu, Jing
Mahler, Jonathan
Maier, Derek
Mancini, Christopher
Mangan, Erik
Marino, Jonathan
Markiewitz, Jacob
Markwalter, Chester
Marotta, Paul

Marra, Patrick
Martin, Joshua
Mason, Alexander
Matthews, John
Matthews, John
Matthews, Jordan
McCarra, Andrew
McGrew, Thomas
McGuire, Anthony
Meisterich, James
Miller, Timothy
Millman, Eric
Missimer, Thomas
Mohammed, Habeeb
Mohr, Collin
Monioudis, Steven
Morey, Benjamin
Morgan, Elizabeth
Mueller, Joseph
Mulligan, Stephen
Myrick, Steven
Nanfro, Anthony
Newbert, Lauren
O'Connell, Timothy
Page, Julianne
Patel, Tejas
Patterson, Jeffrey
Peach, Lauren
Pellegrini, Julian
Plescia, Michael
Powell, Myles
Price, Gregory
Prosser, Andrew
Qian, Edward
Raftery, Peter
Ramirez, Zahyrah
Ranasinghe, Yehan
Rashid, Fazle
Redfield, Alexander
Reese, Christopher
Reilly, Craig
Ren, Meng
Roach, Daniel
Roberts, Michael
Rodgers, Tyler
Rude, Bryan
Ruiperez Vara, Roberto
Sagar, Robin
Salmon, Brittany
Salvatore, Domenic
Salvatore, Daryl
Schantz, Allen

Schiff, Kevin
Seidman, Andrew
Serrano-Paine, Karla
Sheridan, Robert
Sido, Robert
Silverman, Adam
Sisson, Cameron
Sitaram, Nikhil
Slavens, Scott
Smith, Michael
Smith, Alexander
Smith, Curtis
Spagnoli, Mallory
Squibb, Steven
Staley, Shawn
Stearns, Glenn
Swierczek, Kory
Teoli, Kimberly
Thorley, Michael
Tomas, Zachary
Ulchak, Jeffrey
Vaicunas, Rachael
Valentine, Samantha
Varney, Andrew
Vicinanza, John
Wagner, Scott
Walker, Ryan
Wasserman, Jared
Weaver, Andrew
Weaver, Brandon
Wehrman, Matthew
Wiest, Christopher
Wurtzel, Eric
Yeager, Michael
Yiantosos, Athena
Zgonbick, Michael
Zwiebel, Colleen

CONGRATULATIONS!

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Hans M. Medlarz, P.E.

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Daniel P. Barbato, P.E.

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Daniel P. Barbato, P.E., "Other" Eng.	8/31/13
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Hans M. Medlarz, P.E., Government Employment	8/31/13
Frank A. Newton -- Kent Co. -- Apptd.	4/06/13
John E. Tracey, Esq. -- Sussex Co. -- Apptd.	8/31/13
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Keith R. Kooker, P.E., Private Consulting	8/31/15
Soheil Gharebaghi, P.E., Kent County	8/31/15

Council Staff:

Peggy Abshagen
Executive Director

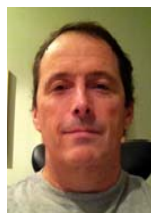
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Be sure to notify the Council office.

The Delaware Association of Professional Engineers requests that you notify our office immediately of any change of address. Reporting a change of address is vital to ensure that you receive necessary renewal information and other correspondence important to your continued licensure. If you have changed your address, go to www.dape.org and update your records. Or you may complete the following form and email, mail or fax it to the Council office and we will update the records.

The Delaware Association of Professional Engineers (DAPE) is the contact agency for licensing, regulations and complaints for the engineering profession.

Change of Address Notice

(Please print all information)

License

Number: _____

Name: _____

Old Address: _____

New Address: _____

Email

address: _____

Date: _____

**DELAWARE ASSOCIATION OF
PROFESSIONAL ENGINEERS
92 Read's Way, Suite 208
New Castle, DE 19720**