American Society of Naval Engineers – Southern Indiana (ASNE-SI)

Distinguished Lecture Series
"Overview of the property tax system in Indiana"

BY

Judy Sharp
Monroe County Assessor

The American Society of Naval Engineers, Southern Indiana Section (ASNE-SI) cordially invites employees to a Distinguished Lecture by a guest speaker Ms. Judy Sharp. She is a Level III Indiana Certified Assessor – Appraiser at the Monroe County Government. The Monroe County Assessor's Office maintains property records for all townships.

Judy will be giving a brief overview of the property tax system in Indiana. Indiana is a "Market Value in Use" State. She will explain how the system works, your appeal rights and the exemptions and deductions that are available to a homeowner. She will be accompanied by her Deputy and will welcome any questions about the property tax system in Indiana.

Recently there are changes in the property tax system in Indiana. She will cover all Crane surrounding countries. This is your opportunity to join at lunch time and gain knowledge in this area.

Please join us on Thursday June 11, 2015 at 11:00 AM, in B 3395, Main Conference Room. Snacks and soft drinks will be served. Any other enquiries, contact Mr. Maroof Qurashi at maroof.qurashi@navy.mil ext.4230.
ANNOUNCEMENT—SCHOLARSHIP APPLICATION

ASNE-SI is now accepting applications for the ASNE Annual Scholarship for the academic school 2015-2016. Scholarships are limited to support during a full academic year of undergraduate/graduate education in an accredited college or university. Scholarships will not be awarded to an applicant already holding an advanced (graduate) degree. Please note that the Applications, transcripts, and letters of reference to be received date are extended to 15 June 2015. Letters of reference are to be signed by the writer, sealed and mailed to the American Society of Naval Engineers Scholarship Committee, or attached to this application. Only your completed application, transcript and three letters of reference will be evaluated. No other information is required or desired. Please visit:


Point of contact for the any questions and information related to Scholarship is Chelsea Harrison, Chelsea.harrison@navy.mil.
ASNE SCHOLARSHIP

The American Society of Naval Engineers (ASNE) Southern Indiana Section is now accepting applications for the 2015-2016 academic school year.

**Who is Eligible:** Students enrolled in a full-time or co-op undergraduate/graduate program leading to a designated engineering or physical science degree in an accredited college or university. Student must be an immediate family member (son, daughter, grandchild, husband, wife, etc.) or other dependent of a Crane government or contractor employee and a U.S. Citizen.

**Selection Criteria:** Academic record, work history, professional promise, faculty/employer recommendations, extracurricular activity and other character references. Financial need may also be considered.

**Programs which apply:** Aeronautical, Chemical, Civil, Computer, Electrical, Electronic, Industrial, Mechanical, Marine, Naval Architecture and Ocean Engineering, and the Physical Sciences.

**Deadline for Applications:** Postmarked by 10 June 2015. Scholarships are to be awarded sometime in July/August 2015; a date will be announced and recipients will be notified.

Program administered by: American Society of Naval Engineers, Southern Indiana Section - ASNE-SI
I am applying for the ASNE Engineering, Science and Technology Scholarship administered by the Southern Indiana Section, American Society of Naval Engineers.

Student Name: ________________________________________________________________

Last Mi First

Present Address: ________________________________________________________________

City: __________________ State: ____________ Phone: _______________________________

Home Address: ________________________________________________________________

City: __________________ State: ____________ Phone: _______________________________

Date of Birth: __________________ Place of Birth: __________________ Citizenship: __________

Email Address: __________________ Father’s Name: __________________ Mother’s Name: __________

NSWC Crane Affiliation: _______________________________________________________

Present Occupation: __________________ College/Univ/Company Name: ___________

Univ/Company Address: _______________________________________________________

School Attended: __________________ Address: _________________________________

Univ/College Attending: _______________________________________________________

Education

High School: __________________________________________________________________

Address: _______________________________ Year/Planned Graduation: ___________

College or University: __________________________________________________________________

Address: _______________________________ Year/Planned Graduation: ___________

I am in the ________ year of a ________ year curriculum and expect to graduate in ________ with a ________ degree in ________ your major.

How did you learn about this scholarship program? __________________________________________________________________

List three names of persons from whom you have requested a letter of reference, and indicate whether the letters are attached or forwarded:

Name Position and Organization attached/forwarded

1. __________________________________________________________________________

2. __________________________________________________________________________

3. __________________________________________________________________________

Scholastic Record (Transcript) is attached:

Please complete the following in addition to transcript requirement. List the most recent first (including High School):

Institution Degree or Certificate Year Grade-Point average/ number in class & rank

1. __________________________________________________________________________

2. __________________________________________________________________________

3. __________________________________________________________________________

SAT, GRE (Verbal, Math & total) and dates tests were taken: __________________________________________________________________
**Work History:** Significant activities of employment, military or other service since High School graduation (list most recent first):

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**List other scholarships (including N/ROTC).** Indicate which scholarships you have held, now hold and for which applied. Show dollar amount of each (if none, so state):

_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________

Describe what receiving this scholarship would mean to you:

_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________

Highlight any unusual or special circumstances that would, in your opinion, capture your particular worthiness as a candidate or that pertain to your objectives and/or interests in naval engineering:

_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________

Describe your career aspirations:

_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
_______________________________________________________________________________________________________________
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_______________________________________________________________________________________________________________
Hobbies, extracurricular activities and organizational memberships:

(a) Professional and Naval Engineering Related

___________________________________________________________________________________________________
___________________________________________________________________________________________________
___________________________________________________________________________________________________
___________________________________________________________________________________________________
___________________________________________________________________________________________________

(b) Other

___________________________________________________________________________________________________
___________________________________________________________________________________________________
___________________________________________________________________________________________________
___________________________________________________________________________________________________

In the event I am awarded a scholarship, I hereby grant the American Society of Naval Engineers Scholarship Committee unlimited access to my academic records. I further understand that the scholarships are granted with the anticipation that the recipient is in pursuit of a career in some field of Engineering, Science or Technology.

Date: __________________________ Signature: ______________________________________________________________________

Instructions

1. Scholarships are limited to support during a full academic year of undergraduate/graduate education in an accredited college or university. Scholarships will not be awarded to an applicant already holding an advanced (graduate) degree.

2. Applications, transcripts, and letters of reference to be received by 10 June 2015. Letters of reference are to be signed by the writer, sealed and mailed to the American Society of Naval Engineers Scholarship Committee, or attached to this application. Only your completed application, transcript and three letters of reference will be evaluated. No other information is required or desired.

3. Deliver applications to:

   Ms. Chelsea Harrison, NSWC Crane GXPR, Bldg 41; email Chelsea.harrison@navy.mil; ph.: 812-854-2361
   Or   Ms. Katie Milligan, NSWC Crane JXTR, Bldg 3395; e-mail: katie.milligan@navy.mil; Ph.: 812-854-4765
   Or   Ms. Shawn Lewis, NSWC Crane JXR, Bldg 3373, email: shawn.lewis@navy.mil; ph.: 812-345-1851

Or Mail applications to:

American Society of Naval Engineers  
Southern Indiana Section:  
Attn: Scholarship Committee  
P.O. Box 658  
Naval Surface Warfare Center  
300 Hwy 361  
Crane IN 47522-5001
The Naval Surface Warfare Center, Crane Division received the Tech Educator of the Year Award during TechPoint’s 16th annual Mira Awards honoring the best of tech in Indiana. NSWC Crane STEM program goals are to ignite interest in STEM in its surrounding community to build a stronger pipeline of world-class STEM talent. The ceremony took place on May 2, at the JW Marriott in downtown Indianapolis. TechPoint’s Mira Awards celebrates the most innovative and successful technologies and technology companies in Indiana, as well as entrepreneurs and educators.

NSWC Crane STEM Director Tina Closser took home the award for Tech Educator of the Year and was chosen because of a rich history of outreach to local communities that include allowing employees time on-the-clock to participate in activities such as math and science tutoring and the annual NSWC Crane Science Fair. In 2010 a formal Science, Technology, Engineering and Math (STEM) program was created and with that the outreach efforts were strategically aligned with how to facilitate, motivate, cultivate and attract the next generation of STEM talent. NSWC Crane has implemented a number of programs to include one-time public events, in-class activities, out-of-class activities, mentorship with students and teacher training. In order to implement these goals NSWC Crane has utilized two full-time STEM personnel, Tina Closser and Brandy Frady, STEM program support. Additionally, NSWC Crane makes time available to its employees to work in their communities to support STEM goals. Since the inception of this program, NSWC Crane and its personnel have served over 8,000 students, 100 teachers and 100 schools.

Closser began working at Crane as an engineer in 1999 and held several different jobs while volunteering for STEM activities such as tutoring and science nights with the Society of Women Engineers before becoming NSWC Crane’s STEM coordinator in 2011. “It’s a very rural, underserved community,” she said of the area surrounding Crane. “We don’t get much tech down there except for the Navy and it’s made a difference in so many children’s lives.”

Forty-three independent, volunteer judges spent more than 700 collective hours reviewing and ranking the Mira Award applications, interviewing the nominees and selecting the winners. Judges included 15 company founders, eight CEOs and presidents, four CIOs, six vice presidents and a variety of other subject matter experts. An interview featuring Closser and video of her acceptance speech may be viewed at http://techpoint.org/naval-surface-warfare-center-crane-division-wins-tech-educator-year-award

Source: Crane PA, Tech Point, Greene County Daily World.
Next Phase of Railgun Prototype to Test in 2016

By
Roger Ellis
Office of Naval Research

How does groundbreaking technology go from a mere idea to a significant development effort? How do you create something revolutionary and successfully transition it into the hands of sailors and marines?

The Electromagnetic Railgun is a high-risk, high-payoff technology that is meeting all of these objectives. But ideas alone rarely make it to prime time without additional enabling factors and activities. The railgun began as a concept and has grown into one of the largest science and technology projects at the Office of Naval Research (ONR).

The Office of Naval Research (ONR) Electromagnetic (EM) Railgun industry prototype launchers are being evaluated at the Naval Surface Warfare Center, Dahlgren Division. Both General Atomics and BAE Systems have designed next generation prototype EM Railguns capable of increased firing rates. The EM Railgun is a long-range weapon that launches projectiles using electricity instead of chemical propellants and is under development by the Department of the Navy for use aboard ships. (Photo: screen shot/U.S. Navy video)

The railgun program is a visionary, long-range high-energy gun system that uses electricity rather than gunpowder or rock motors to launch hypersonic projectiles. In doing so, the railgun promises to provide a potent new punch to future surface ships. When fully operational, railgun projectiles will bolt at speeds greater than Mach 6 and strike greater than 100 nautical miles down-range in about six minutes. That velocity allows the weapon’s projectiles to rely on kinetic energy for maximum effect, and reduces the amount of high explosives needed to be carried on ships. It also minimizes the dangers of unexploded ordnance remaining on the battlefield.

The Naval Warfare Development Command completed an analysis of railgun employment and, in 2006, published the Railgun Operating Concept, which included war games, exercises and detailed lethality analysis.

The Electromagnetic Railgun INP was initiated in 2005 for around $250 million. The goal during Phase I, a proof-of-concept demonstration at 32 mega-joule muzzle energy, has been achieved. The most daunting and challenging tasks were cranking up the launch energy while extending barrel life. A future weapon system at this energy level would be capable of launching a 100+ nautical mile projectile. This launch energy has the advantage of being able to stress many components to evaluate full-scale mechanical and electromagnetic forces.

Phase II, which started in 2012, will advance the technology for transition to an acquisition program. Phase II technology efforts will concentrate on demonstrating a rep-rate fire capability. Thermal management techniques required for sustained firing rates will be developed for both the launcher system and the pulsed power system.
With its increased velocity and extended range, the railgun will give sailors a multi-mission capability, allowing them to conduct precise naval surface fire support or land strikes; ship defense; and surface warfare to deter enemy vessels. As the system moves forward along its planned schedule from the laboratory launcher, the Navy has achieved breakthroughs in compact power and gun design, and will test the next phase of prototype at both sea- and land-based sites in 2016 and 2017.

To become a game-changing technology, the Electromagnetic Railgun needs to be further developed and transitioned onto the ship of the future and into the hands of our sailors and marines, ultimately changing the way we fight and win wars. A variety of new and existing naval platforms are being studied for integration of a future tactical railgun system.

Source: Permission from: DMA, Armed with Science
Crane News
"It's All About the Ships."

On May 1, Naval Surface Warfare Center, Crane Division (NSWC Crane) Radar Technologies Division employee Philip “Alan” Erler received the Fiscal Year 2014 Naval Sea Systems Command (NAVSEA) Excellence Award, which recognizes individuals and teams for significant contributions to NAVSEA. The presentation took place at the Humphreys Building in the Washington Navy Yard in Washington, D.C., with NSWC Commanding Officer CAPT Jeffrey Elder in attendance.

Donnelly speaks on importance of NSA Crane at Congressional Breakfast, Joined by Navy's second-in-command: U.S. Senator Joe Donnelly spoke at a Crane Congressional Breakfast on Thursday April 30, and was joined by Vice Chief of Naval Operations, Admiral Michelle Howard, who attended the event at Donnelly's invitation and delivered the keynote speech. Admiral Howard is the Navy's second-in-command and the highest ranking Naval Officer to attend the event in recent years. The breakfast was organized by the Indiana Office of Defense Development. Department of Defense senior leaders and representatives from Congress, the defense industry, and academia were among those who attended.

NSWC Crane's Electro-Optics (EO) personnel, in conjunction with the Weapons Accessory Visual Augmentation Systems and Special Operations Visual Augmentation Systems programs for the Army Special Operations Command, 3rd Special Forces Group, at Fort Bragg, N.C., inspected more than 1,200 EO systems during the week of Apr. 13, repaired 73 systems on-site and identified 142 additional units to be returned to NSWC Crane for repair or replacement.

Dr. Sara Pliskin of NSWC Crane Division was nominated for, and accepted, the position of Panel Chair for the Joint Army Navy NASA Air Force (JANNAF) Safety and Environmental Protection Technical Committee. JANNAF's purpose is to promote and facilitate exchange of technical and programmatic information among the Military Departments, Defense Agencies, NASA, U.S. industry and academia; to establish standards; avoid duplication of efforts; and to support collaboration to maintain and strengthen the domestic rocket propulsion industrial base.

Team Crane, comprised of NSWC Crane, Naval Support Activity Crane and the Crane Army Ammunition Activity, held its 31st Annual Team Crane Science Fair, Apr. 22 at West Gate Academy in Crane, Ind. More than 100 students and projects from nine school systems from the region attended the event. In addition, area companies and educational institutions were on-hand to show the students the STEM careers available to them in the region and over $4,000 in scholarships and prizes were awarded to the winning participants.

Three Naval Surface Warfare Center, Crane Division (NSWC Crane) employees were recently recognized for their contributions to the KC-130J, which provides in-flight refueling to tactical aircraft and helicopters as well as rapid ground refueling of fuel caches, vehicles and helicopters. Mary Wease was awarded the Navy Meritorious Civilian Service Award, while Kathy Swango and Kristin Ridgway received Letters of Commendation.

The Navy Meritorious Civilian Service Award is the third highest Navy civilian award, presented to employees for service or contributions resulting in high value or benefit to the Department of the Navy. Mary Wease, who was project lead for KC-130J Peculiar Component Support for the Tactical Airlift
Program Office from May 2005 to Sept. 2014, received the award for sustainment initiatives including refinement of the organic Performance Based Logistics (PBL) concept, introduction and sustainment of the Harvest Hercules Airborne Weapons Kit (HAWK) and the conversion to Navy Enterprise Resource Planning (ERP). She was praised for her invaluable contributions to the successful planning and execution of the transfer of all KC-130J logistical support to the Tactical Airlift Program Office (PMA-207) during the transition to the Naval Supply Systems Command and for her management expertise, which yielded a cost savings of more than $100 million over a time period of 9 years.

Source: NSWC Crane Public Affairs, COMNAVSEA All Hands
Community Service NEDO Event:

Bryan Park Itsy Bitsy Kids Triathlon
Location: Bryan Park in Bloomington
Date: July 11th
Time: 7:00am - 10:30am.
Description: Volunteers are needed for preparing the course, directing traffic during the and run legs, and cheering on every participant!

External NEDO Event:

Summer Safari
Location: Exotic Feline Rescue Center, Center Point, IN
Date: July 18th
Time: 3:00 - 5:00pm
Description: Perfect event for families or anyone interested in seeing large exotic cats. Tickets are $10 for Children 12 & Under and $20 for Adults.
The Future of Leadership
From Efficiency to Adaptability
By
Stanley McChrystal and Rodney Evans

There is significant frustration
With the reality that for
Many, what used to work
Now falters.

In the late 19th century a near-sighted Pennsylvanian stalked factory shop floors in search of the best way to perform each task. Experienced workers railed as his precise measurements of time, materials, and labor were leveraged to standardize each activity, threatening the jealously protected value of experienced craftsmen. Opinions varied, but overall the results were impossible to ignore. Capturing and continuously refining the optimal performance of each task, and then combining them with rigorous discipline into a well-honed and carefully defined process, allowed production to skyrocket while costs fell. And within a generation, Frederick Winslow Taylor became an iconic symbol of modern efficiency—his writings and theories finding their way into society's myriad endeavors. Even modern organizations and leaders entirely unfamiliar with Taylor or his writings often reflect the pursuit of efficiency that underpinned much of the industrial juggernaut of the 19th and 20th centuries. But in recent decades dizzying advances in information and other technologies have fundamentally changed the environment in which businesses compete, governments serve citizens, and women and men lead. There is significant frustration with the reality that for many, what used to work now falters. Against this backdrop, leaders routinely ask us how to increase in their team the initiative, innovation, and sense of ownership they associate with high-performing organizations. It’s a great question to ask and reflects a significant departure from the more traditional quest for operational efficiency. But it would be better to ask how leaders can instill in their organizations levels of adaptability needed to deal with a new environment in which the only real constant is change. This represents the most important transformation in organizational leadership in generations, but what’s driving it?

FROM PYRAMIDS TO NETWORKS

The reality is that we now live, work, and lead in an environment where static targets rarely exist. Activities, people, and information are linked, moving, connected, and enabled in ways that produce outcomes and effects that are fundamentally impossible to predict. More than ever, we deal in uncertainty. In the past, quality was about efficiency—getting the most x with the least y. But what if the variables aren’t fixed? How can you solve for x if x is continuously changing? What if the problem you spent today solving won’t be relevant tomorrow? Organizations must be able to identify and solve for emerging variables, and they must do it repeatedly.

In this environment defined by speed and complexity, top-down leadership is no longer sufficient. The inspiring, directive, strategic leader at the top of the organizational pyramid is no longer the most effective model by which to mobilize and optimize the talent within an organization. So the answer to the
critical question is to create leaders at every level of an organization. Quality leadership for the future means that every individual in a system is empowered and inspired to own his or her “patch” of the place. But simply proclaiming that leadership is now the responsibility of everyone on the team doesn’t make it so. It takes far more.

In 2004, despite an overwhelming superiority in superbly equipped military forces, the United States was losing the struggle against Al-Qaeda in Iraq (AQI). The loosely connected but organically adaptable terrorist network leveraged its inherent flexibility and speed to confound American forces constrained by its own hierarchical structures and processes. AQI’s distributed network of operators was united by broad strategic guidance and an underlying common purpose—to do damage to the West. But the operators were otherwise free to operate autonomously using nontraditional methods. This allowed the terrorists to seize opportunity, fit structure to task, and, most critically, act faster than our more conventional structures and processes.

To succeed against this threat we had to become adaptable, both as organizations and as leaders. It required us to construct our own networks that were connected not only by communications but also by the sinew of trust and common purpose. Our cultural habit of compartmentalizing information and limiting our interaction with other military units or government agencies—to guard our prized autonomy—gave way to radical transparency and intentional interdependence. The effects were stunning as the synergies of a truly networked team of teams allowed us to reverse the tide against AQI.

Firms in every sector of the economy need to radically change decision-making processes so that those nearest the issue, with the greatest understanding, are empowered to act. At the same time, we have to create communication forums so that decision makers lower in the organizations have the situational context and awareness of those at more senior levels.

The counterargument to empowerment is always, “I can’t give up these decisions, because my reports don’t have the big picture.” Rather than holding the decisions at a senior level, necessarily slowing them down and degrading their quality, what if the “big picture” is made available to a larger group? Cross Lead requires transparent leadership, a major investment of time into communication, and constantly forcing cross-functional collaboration. The result is that leaders can make fewer decisions, create ownership and accountability below their level, and have more whitespace for understanding the environment and proactively addressing new information. This requires a shift in mindset from “pyramid” to “network” leadership. As the environment shifts and morphs, unanticipated threats emerge, key talent leaves, acquisitions happen and lawsuits are filed—the network leader doesn’t solve the problem himself or herself. Instead, he or she spends time pushing information into the system, and pulling together the nodes that have the right understanding to tackle the issue. Cross-functional teams spring up, collaborate, solve, and disband. And this can happen spontaneously because there is an understanding of the situation, the organization’s purpose, and the issue to be solved. This kind of adaptability will outpace efficiency any day.

LEADERSHIP SKILLS FOR THE INFORMATION AGE

To make the shift from efficiency to adaptability, corporate leaders must possess certain fundamental skills. What we see in organizations is an overly heavy reliance on functional, technical, or subject matter excellence; and attention to leadership fundamentals tends to be focused only within small groups of “high potentials” or the top of the house. But deep technical understanding in one’s field of expertise doesn’t prepare leaders for today’s role of leader as gardener rather than chess master. Flourishing in the 21st-century market environment requires harnessing the talent in an organization (the seedbed), effectively pumping information into the system (water), and connecting those who may be siloed
(cross-fertilization). Typically, as leaders progress in their careers, they gain experience in various areas that develop their technical competence. But as they grow and progress, their reliance on these things becomes less critical and another, more general skill set takes precedence.

Adaptability comes from mastering this more general leadership skill set. If one has to pour thought and effort into decision making, maintaining a disciplined routine, or communicating effectively, there is little space to anticipate the unexpected. Only when an individual has mastery of these timeless leadership fundamentals will he or she become truly adaptable. Whether we consider Daniel painting the fence (The Karate Kid, 1984), YoYo Ma practicing scales, or Coach Wooden drilling his team, we see that those who have mastery understand that “fundamentals first” is the only way to prepare for situations that can’t be anticipated. This is a radical shift from how many organizations incentivize and reward performance.

Quality leadership is about taking a long-horizon view. Many corporate systems reward based on meeting or exceeding short-term goals that rely heavily on depth in one area. We rarely see leaders asked to develop and perform against leadership fundaments. It’s time for a shift—adaptable leaders must be rewarded on attributes like self-awareness and constant learning, not only on meeting a sales quota or exceeding a revenue target. Rather than focus on incremental improvement through more effort on old practices, many organizations need to make a holistic shift that has broad, significant impact over time. This takes commitment and a long-term view. Reorganizations, cost-cutting measures, and replacing executives answer a short-term need for action and deliver a brief spike in results. But meaningful, impactful change requires investment in both organizational process and leadership skills in order to be adaptable over time.

The hard part? Patience. Changing the way a complex system functions doesn’t happen overnight—we’re talking about altering the collection of behaviors that constitute an organization’s culture. And that’s no easy task.
Southern Indiana Section Officers and Committee Chairs for 2014-2016

Section Website: https://sharepoint.cran.nmci.navy.mil/org/nongov/asne/

Officers:
- Chair - Maroof Qurashi
- Vice Chair - Nova Carden
- Secretary - Tiffany Adams
- Treasurer - Dr. Courtney Boykin

Committee Co-Chairs:
- Programs: Beth Martin & Vernell Thomas
- Membership: Daniel Horstman & Nova Carden
- Publicity: Rachael Wiseman
- Scholarship: Chelsea Harrison

2013 Symposium: Dr. Brian Olson & Raymon Smith
Webmaster: Cindy Shirley
Science Fair: Melissa Dyal
Awards: Amy Fellers
Regional Council Member: Brad Secrest

Why ASNE?

Finally, and perhaps most important, often we get asked the question, "What's in it for me?" when we ask employees to join ASNE. The historical answer has revolved around networking opportunities and the opportunity for technical interchange. While those are certainly true and good reasons for joining, they are not perhaps the most important. One of our members put it very succinctly recently when he said, "It's not about you, it's about Crane". What that means is that we as ASNE can do things for Crane that we as Crane cannot. Vibrant and active professional societies are important to the future of Crane. We are able to leverage our resources to get Crane visibility and recognition. Think of the symposium, the luncheons, the distinguished lecturers; we target individuals for those events who we want to visit Crane. We are continually working with Corporate Communications, Command, and the Departments to target individuals for symposium and luncheon speakers; our goal is to get those individuals who can influence our national advocacy in the Focus Areas here for a visit. We continually work to enhance the reputation of Crane in our outreach efforts to local communities. The next time you’re recruiting a new member and they ask why then should join, explain to them the importance of supporting the work we do.

You need not be an engineer to join!

The Purpose of ASNE is to:

- advance the knowledge and practice of naval engineering in public and private applications and operations,
- enhance the professionalism and well-being of members, and
- promote naval engineering as a career field.

NAVAL ENGINEERING includes all arts and sciences as applied in the research, development, design, construction, operation, maintenance and logistic support of surface and subsurface ships and marine craft, naval maritime auxiliaries, ship related aviation and space systems, combat systems, command control, electronics and ordnance systems, ocean structures and fixed and mobile shore facilities which are used by the naval and other military forces and civilian maritime organizations for the defense and well-being of the Nation.