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DETROIT POST
DEDICATED TO THE NATIONAL DEFENSE

THE SOCIETY OF AMERICAN MILITARY ENGINEERS
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FEBRUARY 2006 LUNCHEON

TOPIC: Homeland Security
(Earn 1 Professional Development Hour)

SPEAKER: Captain Patrick Brennan, U.S. Coast Guard, CG Sector Detroit
DATE: February 8, 2006, Wednesday
TIME: 11:30 am until 1:00 pm
PLACE: Detroit Club, 712 Cass Ave, Detroit, MI
MENU: Chicken Provincial – Pan seared boneless chicken breast simmered in a fresh tomato, shallot and garlic Provincial sauce. Meal includes vegetable, fresh baked house rolls and butter, coffee and tea, and dessert.
PRICE: \$22.50
RESERVATIONS: E-mail Pam.Horner@usace.army.mil by noon February 6, 2006

BOARD OF DIRECTORS MEETING: Will be held at 10:30 a.m. at the Detroit Club

SUSTAINING MEMBERS

Altech Environmental Services
Bayshore Contractors, LLC
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DETROIT POST S.A.M.E. NEWSLETTER
FEBRUARY 2006

DETROIT POST WEB SITE: Information about the Detroit Post S.A.M.E., including monthly newsletters, is available on our web site: <http://posts.same.org/detroit>. Please pass this newsletter on to your fellow members, potential members, and interested visitors.

MEMBERSHIP: It is very important that you keep your membership contact information current. Without current contact information for our members, the Detroit Post and SAME HQ are unable to send out important membership information such as membership cards, certificates, magazines and invoices. Additionally, if SAME HQ does not have current information on members, the membership Post Roster reports will reflect outdated information and result in members not being contacted with important information. Currently, SAME HQ receives quite a bit of return mail and e-mail each month for incorrect addresses and/or no forwarding address. The U.S. Post Office charges a fee for returned mail and SAME HQ would prefer to put this money to better use.

You can update your contact information by using the change of address card found in every issue of *The Military Engineer* magazine, by mailing, faxing or e-mailing their change of address information to SAME HQ, or by going online to www.same.org/memberupdate. Keeping your contact information current benefits you and the entire Society.

Please be advised that presently the SAME Web site requires two different logins depending on the Web activity. For all members who wish to view "Member's Only" areas such as Society, Regional and Post Operations, and Member Benefits must use their last name and six-digit numeric member ID. Individual members, who wish to update their contact information, must use the e-mail address we currently have on file for them and a unique password. If they do not know their password or have forgotten it, they can e-mail the membership department at member@same.org. Sustaining Members must use their last name, member ID and e-mail address in order to update their contact information using the web. If there is no e-mail on file in your membership records, you need to call SAME HQ membership department and have then input your e-mail.

Much effort is required to address undeliverable mail and we greatly appreciate your assistance in updating your contact information to make this job easier.

LOCAL ELECTION: The Nominating Committee is preparing a Slate of Officers and Directors for the Post's 2005-2006 Session. Two Director positions (3-year terms) and all of the Post's officer positions (1 year term) will need to be filled. Any individual interested in one of the vacant positions should contact Ms. Horner at (313) 226-6748 (Post Secretary). Director positions, which provide an excellent opportunity to assist in the Post's management, have been historically filled with representatives from the Post's Sustaining Member firms. It is also the Nominating Committee's goal to fill at least one of the offices of President, Vice-President, or 2nd-Vice President from a Sustaining Member firm.

COMMITTEES: Cathy Misko has volunteered to chair the Readiness Committee. The committee is in need of volunteer committee members. If you have an interested in Readiness and Homeland Security, please volunteer for this committee. There are new requirements from National for this committee and it will require active participation throughout the year. If interested in learning more about this position, or volunteering, please contact Pam Horner, Post Secretary at 313-226-6748.

PROFESSIONAL DEVELOPMENT: The Detroit Post offers Professional Development Hour (PDH) credits for attendance at designated SAME events. The Professional Development Committee will maintain records and track PDH credits earned by attendees at Post events. At the end of the program year, credits will be documented. If you need a copy of your credits, please contact the chairperson, Mr. Scott Bell. If you have any questions, feel free to contact Mr. Bell at (734) 332-1200 or by e-mail at sbell@limno.com.

HIGH SCHOOL GRANT: The application period for the grant for the High School Club Research has been extended. A High School Club Research Grant will be awarded for science and engineering clubs at the high school

level in the metro Detroit school districts. Application information and the application are provided at the end of this newsletter.

The purpose of this grant program is to award a \$1500 grant to high school clubs that conduct research. Last year the award was given to the Radio Astronomy Club at Grosse Pointe North High School that actually built a radio telescope on the top of the high school roof so they could conduct research on stars. Typically, members of high school clubs have to fund their research out of their own pockets and it is a financial hardship for the students and the teacher. This grant program helped ease their need for research funding. Help us get the word out to local high schools. The scholarship committee will make contact with local schools to apply for the grant. Any questions should be directed to Connie Boris, Scholarship Chairperson, at 313-881-2240.

LEFEVRE SCHOLARSHIP AWARD: The LeFevre Scholarship award will be presented at the February meeting.

AFFILIATE SOCIETY: See the following announcement sponsored by the Engineering Society of Detroit:

Winter 2006 FE/PE Review Courses Announced ▲

Fundamentals of Engineering (FE) Part I

Dates: January 31 – April 6, 2006

Times: 6 – 9 p.m., Tuesdays and Thursdays

Location: Southfield, Michigan

State Exam Date: April 22, 2006

Principles & Practice of Engineering (PE) Part II

Disciplines: Chemical, Civil, Electrical, Environmental, Mechanical

Dates: February 18 – April 1, 2006

Times—Electrical, Chemical & Civil: 8:30 a.m. – 12:30 p.m., Saturdays

Times—Mechanical & Environmental: 1 – 5 p.m., Saturdays

Location: Southfield, Michigan

State Exam Date: April 21, 2006

For more information and to register for courses, visit <http://www.esd.org> or contact Fran Mahoney: 248-353-0735, ext. 4116, or fmahoney@esd.org.

FREE Information Session on Earning Your PE License

ESD is also offering free information sessions on earning your PE license. The sessions will be held at the following locations:

- SOUTHFIELD: ESD Headquarters, November 19, 9:30 a.m.-11:00 a.m.
- FLINT: Kettering University, November 30
- DETROIT: December 1
- LANSING: December 6
- ANN ARBOR: December 7

If you can hold a free seminar at your workplace, please contact Fran Mahoney at 248-353-0735, ext. 4116, or fmahoney@esd.org for details.

The Phoenix Project - Rebuilding the Pentagon after 9/11

DATE: February 8, 2006

LOCATION: Rock Financial Showplace, 46100 Grand River, Novi

ESD is partnering with CAM-CSI Construction EXPO to bring you a talk by Mr. Allyn Kilsheimer, leader of the Phoenix Project team that rebuilt the Pentagon after the September 11 terrorist attacks.

Through the leadership of Mr. Kilsheimer, the design and construction team rebuilt the Pentagon within 11 months, ahead of schedule and under budget. Mr. Kilsheimer is a registered PE and is licensed in over 15 states. The technologies of building and materials failures, natural and man-made disasters, historic restoration, forensic engineering, façade retention techniques, facade investigation, emergency repair work and selective demolition work have been special services of Mr. Kilsheimer for many years.

ESD has a limited number of tickets available for this event. Register now to ensure your seat. Contact Ramona Spencer at 248-353-0735, ext. 4114, or rspencer@esd.org to register.

Cash Bar: 5:30 pm

Dinner: 6:30pm

Keynote Speaker: 7:15 pm

Tickets for ESD members: \$30 (Limited availability)

2006 ESD Engineering and Technology Job Fair ▲

Thursday, February 16, 2006

2 - 7 p.m.

Southfield Town Center Atrium, 2000 Town Center

If you are looking for a job in any engineering or technology discipline, this is the job fair for you!

With over 800 attendees in 2005, you will not want to miss ESD's 2006 Engineering & Technology Job Fair, presented by the ESD Young Engineers Council.

Some of Michigan's largest engineering, technology, and management companies will be recruiting in all disciplines—chemical, civil, computers, design, electrical, architecture, environmental, manufacturing, mechanical, technical, and other technology-related fields.

For more information and to register for this event, visit <http://www.esd.org>, or contact: Ramona Spencer at rspencer@esd.org, 248-353-0735, ext. 4114.

35th Annual ESD Affiliate Council Gold Award Banquet ▲

Wednesday, February 22, 2006

The Dearborn Inn Marriott

Celebrate National Engineers' Week with ESD as we honor the engineering profession.

During this gala evening, the ESD's Affiliate Council and the Affiliate Societies will honor and congratulate members who have distinguished themselves through outstanding achievement and service within their respective societies.

In addition, the ESD College of Fellows will perform the Order of the Engineer Ceremony, where engineers receive their Engineer's Ring.

Individual Society Awards Deadline: January 18, 2006

For more information on, or to sponsor, this event, contact: Kevin Miller: 248-353-0735, ext. 4120, or kmiller@esd.org.

Engineers Working with Kids: ESD Michigan Regional Future City Competition ▲

October 2005 – January 2006

Are you looking for an immensely rewarding experience that will impact the future of engineering as a profession? If so, be a mentor for the Future City Competition.

The competition is a team-based program consisting of 7th and 8th grade students, a teacher and an engineer mentor. As a mentor, you will be playing a key role in this program, which challenges students to design a fully functioning city of the future.

Acting as a technical advisor, you'll work with your team through all phases of the competition and show students how engineers transform ideas into reality—and have fun in the process!

Share your expertise and show future generations that engineering is an interesting, creative career choice.

THE FOLLOWING SCHOOLS ARE IN NEED OF MENTORS

DETROIT METRO AREA:

- Academy of the Sacred Heart, Bloomfield Hills, Bet. Long Lake and Wattles
- Anderson Middle School, Berkley, Catalpa near Coolidge
- Bemis Junior High, Sterling Heights, 19 Mile Road
- Brake Middle School, Taylor, Pine
- Cedar Crest Academy, Clarkston, Dixie Highway
- Charles E. Brake Middle School, Taylor, Telegraph/Northline
- Detroit Country Day, Beverly Hills, 13 Mile and Lahser
- Derby Middle School, Birmingham, 15 Mile and Adams
- East Catholic School, Detroit, Off I-94 between Moross and Kelly
- Hazel Park Junior High, Hazel Park, 9 Mile and John R
- Marist Academy, Pontiac, Giddings Rd.
- Norup Middle School, Oak Park (Berkley), 9 Mile Area
- Our Lady of Refuge, Orchard Lake, Commerce and Orchard Lake
- Warner Middle School, Farmington Hills, 14 Mi. between Middlebelt and Northwestern

OUTSIDE THE METRO AREA:

- Fort Gratiot Middle School, Fort Gratiot, Port Huron Area
- Holmes Middle School, Flint, N.W. Side Carpenter and Clio
- Landmark Academy, Kimball, Lapeer Road
- Paramount Charter Academy, Kalamazoo, Westnedge Avenue
- White Pine Middle School, Saginaw, Center Rd.
- Whittier Middle School, Flint, Crapo Rd.

If you would like more information or are interested and can volunteer at least 40 hours of your time between October 2005 and January 2006, contact Nancy Strodl, at 248-353-0735, ext. 4152, or nstrodl@esd.org.

SPEAKER BIO: A native of Eugene, Oregon, Captain Brennan enlisted in the USCG Reserve in 1979 to join the first Coast Guard class to enter the Naval Academy Preparatory School. After graduating from Navy Prep in 1980, Captain Brennan entered the Coast Guard Academy and graduated with a Bachelor of Science degree in Government (with honors) in 1984. After completing an afloat tour as a Deck Watch Officer aboard the USCG Reliance, then

home-ported in Cape Canaveral, FL, Captain Brennan entered U. S. Navy Flight Training and completed rotary wing training as a Distinguished Graduate in October 1987.

Captain Brennan's first aviation assignment was as an HH-3F Pelican Co-pilot at Air Station Clearwater where he earned his first Aircraft Commander designation and served with the first CG helicopter crews to land/take-off with night vision goggles. In March 1991, he was transferred to Kodiak, Alaska where he flew primarily search and rescue and aids to navigation missions in the harsh Alaska environment. During his tour in Kodiak, the HH-3H helicopter was phased out of service and Captain Brennan transitioned into the HH-60J Jayhawk helicopter and upgraded to Aircraft Commander.

In May 1994, Captain Brennan was assigned as an HH-60J Standardization Instructor Pilot at Aviation Training Center Mobile. While in Mobile, Captain Brennan earned a Master of Business Administration Degree from Spring Hill College and was a co-recipient of the 1998 Outstanding MBA Graduate Award.

From July 1998 to June 2000, he was assigned as the Administration Officer at CG Group/Air Station Astoria while also serving as a Flight Examiner. In July 2000, Captain Brennan was promoted into the position of Operations Officer at Group Astoria.

In May 2003, Captain Brennan transitioned into the HH-65B Dolphin helicopter and was assigned as Executive Officer, Air Station New Orleans. He has logged over 4500 flight hours and commanded 3 types of CG helicopters. His military awards include the Air Medal, four Coast Guard Commendation Medals and the Coast Guard Achievement Medal.

Captain Brennan is married to the former Maisoun Sahawneh of Mobile, Alabama. They have four children; Ryan, 16; Phillip, 12; Eric, 9; and Hannah, 7.

SUSTAINING MEMBER NEWS

LUNCHEON SPONSORS: The Detroit Post is requesting Sustaining Member firms volunteer to sponsor our monthly luncheons to cover costs for room/equipment charges at our meeting facilities. These room charges are \$200 and are not covered by the meal prices at the luncheons. Any firm interested in the opportunity to sponsor our monthly luncheons, please contact Pamela Lemme, Chairperson, Sustaining Member Committee at 734-753-5993 (plemme@cscos.com). The sponsoring firm is allowed a 5 minutes presentation on their firm's capability at the luncheon.

HIGH SCHOOL MINI-GRANT INFORMATION & APPLICATION: See next two pages.

SOCIETY OF AMERICAN MILITARY ENGINEERS

DETROIT POST

COMMUNITY OUTREACH MINI-GRANT FOR HIGH SCHOOLS

SUBJECT: Eligibility Criteria for the High School Mini-Grant presented by the Detroit Post of the Society of American Military Engineers.

Annually the Detroit Post of the Society of American Military Engineers (SAME) takes great pride in recognizing high school student groups that work to advance scientific research that has practical applications to the military or the community or advances basic science of understanding of the natural world.

The Detroit Post SAME is now soliciting nominations for the annual mini-grant research award. This year's mini-grant award will be \$1,500.00

To be eligible for this mini-grant, the following must be submitted by February 28, 2006:

A completed mini-grant application form describing the basic research project proposed by the high school student group and practical applications of the proposed research.

A letter of recommendation from a high school teacher working with the group of high school students in their scientific endeavor.

Other financial aid held by the high school student group will not exclude eligibility.

Applications for the high school mini-grant may be E-mailed to Pam.Horner@usace.army.mil or mailed to:

Pam Horner, CELRE-PL-E
U.S. Army Corps of Engineers
P.O. Box 1027
Detroit, Michigan 48231-1027

The application may also be faxed to Ms. Horner at (313) 226-2013.

APPLICATION FOR HIGH SCHOOL MINI-GRANT

High School Applicant:

Address:

Contact Name and Phone Number:

Purpose of Project or Research Interest:

Scope of Research:

Potential Practical Applications:

Time Schedule for Completion (may extend over 2 years):

Submit Application to Pam Horner no later than February 28, 2006