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DETROIT POST  
DEDICATED TO THE NATIONAL DEFENSE

THE SOCIETY OF AMERICAN MILITARY ENGINEERS

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**FEBRUARY 2009 SAME MEETING**

**TOPIC: I-99 Acid Rock Drainage Remediation Project**  
(Earn 1 Professional Development Hour)

**SPONSOR: CTI and Associates, Inc.**

**SPEAKER:** Dr. Kevin Foye, with CTI and Associates, Inc., will discuss the construction of the \$700 million+ I-99 corridor -- an all new interstate highway through central Pennsylvania -- was abruptly halted in early 2004 by the development of acid rock drainage on the final segment through State College, PA. After years of treatment studies and negotiation with the state environmental agency, remediation of the acid rock drainage began in late 2006. Remediation included hauling and landfilling millions of tons of rock and covering 1.4 million square feet of steep rock cut slopes. CTI and Associates, Inc. was responsible for the design and inspection of the cover system. This presentation discusses some unique features of the project and the technical challenges in its design and construction. I-99 opened to traffic December 2008 and remediation is scheduled to be complete September 2009. A short biographical summary is included in the attached newsletter.

**DATE:** Wednesday, February 11, 2009

**TIME:** 11:30 am until 1:00 pm Luncheon/Luncheon Speaker

**PLACE:** Doubletree Guest Suites Fort Shelby, 525 W. Lafayette Blvd., Detroit, MI  
(St. Aubin Conference Room – located at basement level)

**MENU:** GRILLED CHICKEN CAESAR SALAD - Crisp Romaine lettuce tossed with Parmesan cheese, seasoned croutons and tangy Caesar dressing. Topped with grilled breast of chicken. Served with garlic breadsticks, coffee and tea.

**PRICE:** \$20.00

**RESERVATIONS:** E-mail [Pam.Horner@usace.army.mil](mailto:Pam.Horner@usace.army.mil) by noon February 9, 2009

**BOARD OF DIRECTORS MEETING:** Will be held at the Doubletree Fort Shelby at 10:30 a.m.

**SUSTAINING MEMBERS**

A & H Contractors  
Barr Engineering Co.  
CTI and Associates, Inc.  
Foth  
Harley Ellis Devereaux  
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MACTEC  
Rowe Incorporated  
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Superior Environmental Corp.  
Trace Analytical Laboratories  
Veteran Constructions Services  
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**DETROIT POST S.A.M.E. NEWSLETTER**  
**FEBRUARY 2009**

**DETROIT POST WEB SITE:** Please note that the Detroit Post web site is: [www.same-detroit.org](http://www.same-detroit.org). You can find out about current meetings, and past meeting information. Sponsored by FutureNet Group.

**2009 REGIONAL CONFERENCE:** The Detroit Post is pleased to announce that we are hosting the 2009 Regional Conference in Detroit, MI in 2009. The meeting is scheduled for August 11-13, 2009 in downtown Detroit. The theme for next year's conference is: Building Beyond Tomorrow. A committee is working hard at getting things set up. If you are interested in participating in this exciting committee, please contact Ms. Boris at 313-418-0700. Exhibit information will be available in January 2009....plan to showcase your company at the 2009 Regional Conference.

**SUPPORT THE TROOPS** – The Detroit Post was informed of an opportunity to support the Wounded Warrior Ministry. The Wounded Warrior Ministry has requested some home comforts items (DVDs, Pajamas, etc.) for the wounded warriors at the military hospital in Landstuhl, Germany. The Detroit Post Board has committed to provide funding to support this effort and are making the opportunity available to Post members. If any Post member is interested in contributing to this effort, please submit a payment clearly marked for supporting the Wounded Warrior Ministry, made payable to the Detroit Post – SAME. Any donations will be combined with the Detroit Post funds, and the comforts items and/or a check will be provided directly to the Wounded Warrior Ministry. This has a short deadline as the items are being flown overseas this weekend and next weekend,,I would need any donations by January 29' 2009. If donating, please contact me directly so we can coordinate and meet their departure flights. You can reach me at 313-226-6748, or [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil).

**READINESS COMMITTEE:** The Readiness Committee has updated the Readiness Plan. If you are a new Sustaining Member to SAME – Detroit Post, please submit your capability for Readiness to Drew Lonergan so he can include your firm in our current plan. Drew can be reached at (248) 264-4015.

**EDUCATION/TRAINING:** The Detroit post encourages members and sustaining members to submit articles to The Military Engineer or other professional journals. Please let us know when you submit articles so that we can include it in our Education/Training Streamer submittal for the Detroit Post, by e-mailing the Post Secretary at [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil).

**PROGRAMS:** The Programs Committee is working on establishing the program topics for the remainder of the 2009 program year. If you have an interesting topic to present, please contact Pam Horner at [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil). We are also looking for sponsors for all the programs month, so we are looking for our Sustaining members to volunteer to host monthly meetings (see note under Sustaining Members). Here is a tentative schedule of upcoming programs, which has been revised and updated since last month:

2009 SAME Program Schedule

Feb 2009	Corps of Engineers workload (tentative)
Mar 2009	Engineering a 1.4 Million Square Foot Geosynthetic Cover over a Steep Rock Cut Slope (I-99 project, Pennsylvania)
April 2009	Small Business Workshop – Selfridge ANG

**LEFEVRE EDUCATION AWARD:** The Detroit Post is now accepting nominations for the Mary LeFevre Education Award. The Detroit Post established the Mary LeFevre Education Award in memory of a very dedicated employee of the U.S. Army Corps of Engineers, Detroit District. While working full time, Mary LeFevre's diligence and pursuit of excellence included completion of a Bachelor's degree. She was an inspiration to all individuals that

knew her personally and professionally. The education award is given annually to an individual that is working at least 24 hours per week and is also currently enrolled in an accredited college.

**Education Amount:** \$1500

**Criteria:** must be pursuing a bachelor's degree in their chosen field of study while working at least 24 hours per week

Eligibility criteria and a nomination form is attached and can also be obtained from our web site <http://posts.same.org/detroit> or by contacting Pam Horner at (313) 226-6748. Any questions can be directed to Ms. Horner or Ms. Connie Boris at 313-418-0700. The education award will be given at the March 2009 meeting.

**Deadline:** All applications must be submitted by February 21, 2009 to:

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

They can also be faxed to Ms. Horner at (313) 226-2013.

**WELSH EDUCATION AWARD:** Nominations are being accepted for the 2009 Welsh Education Award. Local and regional universities will be contacted for both ROTC and civilian nominations and are due by the end of February. The amount of the award is \$1,500 for each award, one to two ROTC awards, and one civilian award. The awards will be given at the March luncheon on March 11, 2009 at the Doubletree Forth/Shelby.

**HIGH SCHOOL GRANT:** 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. The purpose of this grant program is to award a \$1500 grant to high school clubs that conduct research. Last year, the award went to the Stream Team of Southgate Anderson High School where they purchased equipment to conduct stream monitoring. Typically, members of high school clubs have to fund their research out of their own pockets and it is financially hard on the students and the teacher. So, this program helps 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. Applications for the grant are due by the end of March 2009. Any questions should be directed to Connie Boris, Education Award Committee Chairperson, at 313-881-2240.

**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](http://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](mailto: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.

**COMMITTEES:**

**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. PDH certificates will be provided at the monthly luncheons meetings.

**AFFILIATE SOCIETY:** PLEASE VISIT THE ESD CALENDAR OF EVENTS FOR SCHEDULED EVENTS ([www.esd.org](http://www.esd.org))

**SPEAKER BIO:** Dr. Kevin Foye is a project engineer with CTI and Associates, Inc., where he works to address a variety of geotechnical problems in landfill, highway, levee, and building construction projects. He has consulted to projects in Michigan, Ohio, Pennsylvania, New York, Brazil, China, and India. Dr. Foye completed his Ph.D. in Civil Engineering at Purdue University in 2005 while researching reliability analysis for foundations and other geotechnical structures. He has published 12 technical journal articles, conference papers, and research reports and is currently teaching classes at Lawrence Technological University as an Adjunct Professor.

Dr. Foye is the lead engineer and project manager for CTI on the I-99 Acid Rock Drainage Remediation project.

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**SUSTAINING MEMBER NEWS**  
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Hello SAME Sustaining Members,

Monthly Sponsors – The Detroit Post invites one of our members to sponsor the monthly luncheon. The cost is \$300.00, which will pay for the room and equipment rental. You will also be given a 5-minute spotlight to present an overview of your company. Please contact Pam Horner if interested in sponsoring a monthly luncheon at [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil). A sponsor is needed for the February 2009 meeting, so please volunteer today. If interested in volunteering, please send Pam Horner an e-mail at [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil).

**SUBJECT:** Eligibility Criteria for the **Mary LeFevre Education Award**, presented by the Detroit Post Society of American Military Engineers

Annually, the Detroit Post of the Society of American Military Engineers (SAME) takes great pride in recognizing a distinguished engineering or science student by awarding the Mary LeFevre Memorial Education Award. The Detroit Post SAME is now soliciting nominations for the 2009 education award. This year's education award will be in the amount of \$1500.00.

To be eligible for this education award, the following must be submitted:

1. A completed nomination form (attached).
2. A college transcript, with accumulative credits, overall and grade point averages, and academic standing.
3. Recipient must be at least a part-time employee (24 or more hours/week) currently enrolled in an accredited college leading to a Bachelor's degree.
4. A letter of recommendation from a college advisor, academic instructor, or immediate supervisor.
5. A written submission by the applicant describing scholastic and career goals (a maximum of two typed pages).
6. Other financial aid held by the individual recipient will not exclude eligibility.

The student that qualifies for the LeFevre Education Award will receive a national SAME student membership through the Detroit Post SAME, in addition to the education award of \$1500.00.

**MARY LeFEVRE EDUCATION AWARD NOMINATION FORM**

1. Nominating Official/Sponsor: \_\_\_\_\_

(Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Organization)

\_\_\_\_\_  
(Address)

2. Nominee Name: \_\_\_\_\_

3. Academic Standing: \_\_\_\_\_

4. Academic Major: \_\_\_\_\_

5. Academic Performance:

Year	Overall GPA	Overall Standing
Freshman		
Sophomore		
Junior		
Senior		

6. Expected Graduation Date: \_\_\_\_\_

7. Extra Curricular Activities: \_\_\_\_\_

\_\_\_\_\_

8. Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

9. Attachments: \_\_\_\_\_

10. Signature \_\_\_\_\_

(Nominating Official/Sponsor)

(Date)

## MAJOR ELBERT A. WELSH EDUCATION AWARD – ROTC CANDIDATE

**SUBJECT:** Eligibility Criteria for the Major Elbert A. Welsh Education Award, presented by the Detroit Post Society of American Military Engineers

Annually, the Detroit Post of the Society of American Military Engineers (SAME) takes great pride in recognizing a distinguished ROTC Cadet or Midshipman by awarding the Major Elbert A. Welsh Memorial Education Award. The Detroit Post SAME is now soliciting nominations for the education award. This year's award will be in the amount of \$1500.00.

To be eligible for this education award, the following must be submitted by February 20, 2009:

1. A completed nomination form (attached).
2. A college transcript, with cumulative credits, grade point average, and academic class standing.
3. Recipient must be of Sophomore or Junior status, pursuing an engineering or science curriculum leading to a bachelor's degree.
4. A letter of recommendation from a college advisor, academic instructor, or immediate supervisor.
5. A written submission by the applicant describing scholastic and short term and long term career goals (a maximum of two typed pages).
6. Other financial aid held by the individual recipient will not exclude eligibility.

The student that qualifies for the Welsh Education Award will receive a national SAME student membership through the Detroit Post SAME, in addition to a cash award of \$1500.00. Please submit the package via e-mail (.pdf format) to Pam Horner at [Pam.Horner@usace.army.mil](mailto:Pam.Horner@usace.army.mil) by the deadline.

**MAJOR ELBERT A. WELSH EDUCATION AWARD NOMINATION FORM  
ROTC CANDIDATE**

1. Nominating Official/Sponsor: \_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Organization)

\_\_\_\_\_  
(Address)

\_\_\_\_\_

\_\_\_\_\_  
(Phone)

2. Cadet/Midshipman Name: \_\_\_\_\_

3. Cadet/Midshipman Rank: \_\_\_\_\_

4. Academic Major: \_\_\_\_\_

5. Academic Performance:

Year	Overall GPA	Overall Standing	ROTC GPA	ROTC Class Standing
Freshman				
Sophomore				
Junior				

6. Expected Graduation Date: \_\_\_\_\_

7. Extra Curricular Activities: \_\_\_\_\_

\_\_\_\_\_

8. Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

9. Attachments: \_\_\_\_\_

10. Signature \_\_\_\_\_  
(Nominating Official/Sponsor) (Date)

## **MAJOR ELBERT A. WELSH EDUCATION AWARD – CIVILIAN CANDIDATE**

**SUBJECT:** Eligibility Criteria for the Major Elbert A. Welsh Education Award, presented by the Detroit Post Society of American Military Engineers

Annually, the Detroit Post of the Society of American Military Engineers (SAME) takes great pride in recognizing a distinguished engineering or science student by awarding the Major Elbert A. Welsh Memorial Education Award. The Detroit Post SAME is now soliciting nominations for the award. This year's award will be in the amount of \$1500.00.

To be eligible for this education award, the following must be submitted by February 20, 2009:

1. A completed nomination form (attached).
2. A college transcript, with cumulative credits, grade point average, and academic class standing.
3. Recipient must be of Sophomore or Junior status, pursuing an engineering or science curriculum leading to a bachelor's degree.
4. A letter of recommendation from a college advisor, academic instructor, or immediate supervisor.
5. A written submission by the applicant describing scholastic and short and long term career goals (a maximum of two typed pages).
6. Other financial aid held by the individual recipient will not exclude eligibility.

The student that qualifies for the Welsh Education Award will receive a national SAME student membership through the Detroit Post SAME, in addition to the education award of \$1500.00.

Please submit the package via e-mail (.pdf format) to Pam Horner at

[Pam.Horner@usace.army.mil](mailto:Pam.Horner@usace.army.mil) by the deadline.

MAJOR ELBERT A. WELSH EDUCATION AWARD NOMINATION FORM  
CIVILIAN CANDIDATE

1. Nominating Official/Sponsor: \_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Organization)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Phone)

2. Nominee Name: \_\_\_\_\_

3. Academic Standing: \_\_\_\_\_

4. Academic Major: \_\_\_\_\_

5. Academic Performance:

Year	Overall GPA	Overall Standing
Freshman		
Sophomore		
Junior		

6. Expected Graduation Date: \_\_\_\_\_

7. Extra Curricular Activities: \_\_\_\_\_

\_\_\_\_\_

8. Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

9. Attachments: \_\_\_\_\_

10. Signature \_\_\_\_\_  
(Nominating Official/Sponsor) (Date)