



OFFICERS
Connie Boris, Ph.D.
President
Anne Parker
1st Vice-President
Joseph Wanielista, P.E.
2nd Vice-President
M. Pamela Homer, CHMM
Secretary
Carl L. Woodruff, P.E.
Treasurer

DETROIT POST
DEDICATED TO THE NATIONAL DEFENSE

THE SOCIETY OF AMERICAN MILITARY ENGINEERS

P.O. Box 3026
Detroit, Michigan 48231-3026
(313) 226-6748 (Post Secretary)
(313) 226-2013 (Fax)

DIRECTORS
Larry Moloney, P.E. (09)
Sam Ansara, P.E. (09)
Tom Young, P.E. (09)
Dianne Peck (11)
Andrew Loneragan (11)
Damien Wetzel, P.E. (11)
Neal Gehring, P.E. (11)
LTC William Leady
(Past President)

MARCH 2009 SAME MEETING

**TOPIC: HOW IMPERMEABLE IS THAT CLAY?
APPLICATION OF NATURALLY OCCURRING ISOTOPES IN
GROUNDWATER TO SOLVE PRACTICAL GROUNDWATER PROBLEMS**

(Earn 1 Professional Development Hour)

SPONSOR: Gourdie Fraser Associates, Inc.

SPEAKER: Dr. Michael Sklash with Dragun Corporation, will briefly explain why there are spatial differences in oxygen-18 and tritium concentrations in groundwater and how we can use these distributions to evaluate the rate of groundwater movement. He will also discuss some case studies from the Lower Great Lakes area. A short biographical summary is included in the attached newsletter.

DATE: Wednesday, March 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: CHICKEN PECAN - Served with dried cherry pinot noir sauce, include our house Salad, chef's choice of vegetable and rice pilaf, rolls and butter, freshly brewed coffee, decaffeinated coffee, iced tea and a Fruit Tart for dessert.

NOTE: Vegetarian meals are available with advance registration.

PRICE: \$25.00

RESERVATIONS: E-mail Pam.Horner@usace.army.mil by noon March 9, 2009

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

(Livernois Conference Room)

SUSTAINING MEMBERS

A & H Contractors
Barr Engineering Co.
CTI and Associates, Inc.
Foth
Harley Ellis Devereaux
Ideal
MACTEC
Rowe Incorporated
Siemens
Superior Environmental Corp.
Trace Analytical Laboratories
Veteran Constructions Services
Wilcox Associates, Inc.

ADP Consulting, Inc.
Bayshore Contractors, LLC
DLZ Michigan, Inc
FutureNet Group
HNTB
Lakeshore Engineering Services
Materials Testing Consultants
RTI Laboratories, Inc.
SOMAT Engineering, Inc.
Testing Engineers & Consultants
TriMatrix Laboratories
Wade-Trim
Woolpert

AMEC
C2AE
Duro-Last Roofing, Inc.
Gourdie/Fraser & Assoc.
HWS Engineering
Limno-Tech, Inc.
MWH Americas, Inc.
SAIC
Spalding DeDecker Associates
Tetra Tech
TTL Associates
WESTON Solutions, Inc.

ARCADIS
Collins Engineers, Inc.
Environmental Consulting & Tech
GZA GeoEnvironmental, Inc.
Hydro Designs, Inc.
Luedtke Engineering Co.
NTH Consultants, Ltd.
Short Elliott Hendrickson, Inc.
STS Consultants, Inc.
Toltest, Inc.
URS Corporation
Wilbur Smith Associates, Inc.

DETROIT POST S.A.M.E. NEWSLETTER
MARCH 2009

DETROIT POST WEB SITE: Please note that the Detroit Post web site is: 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 at the Detroit Marriott Renaissance Center. The theme for next year's conference is: Building Beyond Tomorrow. The registration for the conference will be open shortly, so please look for announcements. Many exhibiting and sponsorship opportunities will be available, and will be sent to the regional sustaining members. Be sure to sign up early, as some of the prime sponsorship opportunities will sell fast!!! The conference web page is: www.same-detroit.org/09regional.html and more details will be uploaded in the next few days, so check often.

ENGINEERING CAMPS: Following is a summary of the application deadlines for the engineering camps that are available to High School students. Please visit the web site noted below for details. The camps are co-sponsored by Headquarters and the Post, so there will be minimal cost to the student.

March 20, 2009—Deadline for Posts to submit applications to Army Engineering and Construction Camp in Vicksburg, Mississippi

April 24, 2009—Deadline for Posts to submit applications to USAFA Engineering and Construction Camp at the US Air Force Academy in Colorado

May 15, 2009—Deadline for Posts to submit applications to Seabee Engineering and Construction Camp at Port Hueneme, California

Visit www.same.org/camps

<<http://cts.vresp.com/c/?SocietyofAmericanMil/07245aladc/609d909ec6/adecc393f9>> for more information on all the SAME camps.

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.

PROGRAMS: The program schedule has changed, so an update of the upcoming meetings is listed below:

2009 SAME Program Schedule

Mar 2009	How Impermeable is That Clay and Other Important Questions
Apr 2009	Corps of Engineers workload
May 2009	Current Applications in Stream Restoration
Jun 2009	Geotechnical Investigations for the New MDOT Bridge to Canada

LEFEVRE EDUCATION AWARD: The deadline for the Mary LeFevre Education Award has been extended to March 4, 2009. Please see below for details:

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 March 4, 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. 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.

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)

SPEAKER BIO: Dr. Sklash earned his undergraduate degree in Geological Engineering from the University of Windsor in 1973 and his graduate degrees in Earth Science from the University of Waterloo, Waterloo, Ontario, Canada in 1975 and 1978.

Before joining The Dragun Corporation in 1988, Dr. Sklash was a Professor in the Department of Geology and in the Department of Civil and Environmental Engineering at the University of Windsor. During this time, Dr. Sklash conducted research into the use of naturally occurring isotopes to solve groundwater problems. Dr. Sklash applies his state-of-the-science knowledge, broad experience, and big picture approach to the solution of large and complex groundwater problems. Dr. Michael Sklash has conducted hydrogeological investigations in the United States, Canada, Great Britain, New Zealand, China, India, Australia, Swaziland, Kenya, and Zimbabwe. These investigations have involved groundwater contamination, groundwater cleanup, groundwater supply, groundwater modeling, and groundwater - surface water interactions.

SUSTAINING MEMBER NEWS

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 is interested in sponsoring a monthly luncheon at 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 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 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)