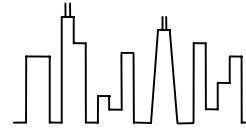


CHICAGO SECTION NEWSLETTER

March 2005



Newsletter of the Chicago Section of the Society for Mining, Metallurgy, and Exploration, Inc. - Founded Spring 1987 - www.chicagosme.org

MEETING: Tuesday, March 22, 2005

Topic: "Supervisor Training and the Availability of Skilled Miners"

Guest Speaker: **Bill Huber and Hersh Hayden**
Weir International Mining Consultants, Inc.

Time: 5:15 PM Social Hour
6:00 PM Dinner *Please - We need advance reservations! See below.*

Place: **Ramada Inn at Burr Ridge, IL** 300 South Frontage Road,
Burr Ridge, IL. 630-325-2900

Directions: *From I-55:* Exit # 276A - County Line Road South, go to the first traffic light
Turn Right, then the road turns an immediate right; follow the road
around until you are parallel to the freeway, past the Extended Stay America.
The Ramada will be another 150 yards ahead on the left.
From I-294: Exit on I-55 Westbound. County Line Road will be the next exit
From I-88 & I-355: Exit to I-355 southbound, go to end of freeway at I-55
Head east toward Chicago: County Line Road is just east of Kingery
Highway (IL # 83)



Menu: Service will be restaurant style, with **your choice of two entrées:**

Roast Breast of Turkey, served with cranberry-almond dressing & cranberry sauce;
or

Atlantic Salmon, Grilled served with lemon dill buerre blanc sauce

Dinner will include an appetizer, salad, vegetable, potato or rice and dessert.

A vegetarian plate is available on request.

Cost: \$25 for dinner/meeting for Members, \$30 for Non-Members. Science teachers or professors are considered guests of the Section and will get dinner free. Student's dinners are only \$5. If you are coming RSVP; **PLEASE**. Call or e-mail either
Gordie Stevens of Patrick Engineering at 630-795-7429 gstevens@patrickengineering.com
Rick Ackermann of Patrick Engineering at 630-795-7246 rackermann@patrickengineering.com
And give us your dinner selection (see above) we can do some late reservations, but...

From the Chairman:

As we approach springtime in the Midwest, most of us turn our attention to the renewing process, which brings new life to a dormant landscape. As the winter landscape slowly transforms itself into a verdant scene when the fresh warm air of springtime rejuvenates all in its path, it's time again for me to blow the breath of fresh air into the Chicago Section countryside. Where am I going with this? In order for the Section to bloom, we will need new energized individuals whom would like to step up and bring their own voice to the Section and the Executive Committee. More direct: we need to prepare for our yearly version of elections (or re-elections as it seems to have been during the past few years). Hopefully this analogy has gotten your attention and with any luck that's where it breaks down. For other than possibly myself (the hot-air windbag), I'm not suggesting we are a bleak and dormant committee or Section. In fact, just the opposite. I am extremely pleased with the support I get from the Committee and you. However, all organizations need new life from time to time to move them forward. Last year we voted to allow our Section Chair to serve longer than two consecutive years, a retrospective, after-the-fact patch, to allow me to serve a fourth consecutive term. I enjoy serving you and would continue to serve as long as you keep giving me your vote of confidence. On the other hand, I would be equally willing to step aside if anyone is interested. Think about it. We will be gearing up for new elections (and appointments) in May or June. Let me know some of your thoughts or intents...and let's enjoy the spring.



Gordie

From the Program Chairman

At This Meeting:

"Supervisor Training and the Availability of Skilled Miners"

Mining companies are experiencing a shortage of experienced workers and supervisors due to a retiring existing workforce and the growth in the industrial minerals and coal mining industries. The success of new mining projects may depend on the availability and skills of a new workforce. While the new workforce may not have the experience or skill level of the current workforce, they are expected to perform their tasks efficiently and safely. Training new supervisors could be a key element in the safety and operating performance of mining companies world wide.

Bill Huber and **Hersh Hayden** from **Weir International Mining Consultants, Inc.** will present topics from supervisory training and safety leadership programs developed and instructed for the National Stone, Sand and Gravel Association and mining companies. The presentation focuses on how supervisor training programs can accelerate the learning process for new supervisors and assimilate experienced supervisors into a new work culture..

The Speakers

Bill Huber is a Vice President with Weir International Mining Consultants. He has more than 30 years of mining experience including positions in engineering, safety and direct mine management at major mining companies. Bill has successfully directed programs that improved productivity, reduced cost and enhanced safety

Hersh Hayden is a senior Engineering Manager with Weir International Mining Consultants. He has more than 35 years of operating and engineering experience in the mining industry, with expertise in mine management and operations. He has instructed classes to prepare miners to become certified mine foremen and to perform the practical duties of mine management. Hersh is a Certified MSHA Instructor.

The Last Meeting

Our February speaker was Jason Ryan, blasting engineer, gave us a very technical talk concerning "Practical State-of-the-Art Blasting". He started with a brief discussion of what is important in blasting, including recent developments in drilling technology and moved quickly into product developments including gassed and doped-emulsion explosives and electronic detonators. He finished with a discussion of computer modeling and how it can help you get your fragmentation without bothering your neighbors. He did a great job of showing what the cutting edge in the technology can do for you in a practical way, and why. He also showed showing how the modeling can be used to predict vibration, and what the new electronic detonators with their precision timing can do for you, and what they will not do for you in minimizing the vibration and improving fragmentation.

Jason Ryan graduated from Laurentian University in Sudbury, Ontario as a mining engineer, with emphasis on blasting. He recently worked for Austin Powder as technical field representative and most recently sales in our Midwestern region. His talk for us was his last public presentation for Austin Powder regarding technical blasting issues, since he has recently moved to Denver to work manufacturing explosives for Orica.

By the Editor

Upcoming Speakers for Spring:

In April – Roadheader Applications – from Bruno Reumueller of Sandvik/Voest Alpine Mining

In May – To Build Excellence at a Indiana Limestone Quarry by Y.J. Zheng, Chief Engineer of Indiana Limestone

If you would like to present a talk or have a subject matter that you are interested in hearing presented at a meeting, please give Frank **Kendorski**, of Agapito Associates who is our Program Chair. He can be reached at:

e-mail: frank@agapito.com
phone: 630-792-1520

UPCOMING MEETINGS & EVENTS

For your schedules

Illinois Association of Aggregate Producers

ANNUAL

Springfield, IL

Cost is \$125 + hotel

For information call the association office at **217-241-1639**

or go to the web site and e-mail the IAAP

The format and time schedule will be similar to last year's meeting.

IAAP Web Site:

<http://www.iaap-aggregates.org/default.asp>

NEXT WEEK!

CONEXPO-CON/AGG 2005

March 15-19, 2005

Las Vegas, USA

CONEXPO-CON/AGG 2005 will be the world's largest international gathering place in 2005 for the construction and construction materials industries, showcasing the latest equipment, services and technologies.

Co-located with

IFPE 2005

International Exposition for Power Transmission

AND

NSSGA Annual Convention
(See below)

Check out the information at

<http://www.conexpoconagg.com/>

**Registration cost for the exhibits is \$40
cost of technical sessions is \$75 each**

**NSSGA
ANNUAL
CONVENTION
March 15-18
Las Vegas**

**Same Dates as
CONEXPO – CON /AGG**

**NSSGA registration includes
CONEXPO – CON /AGG
Registration**

*NSSGA Presentation by a
Chicago Section Member:
John Head of*

**Continental Placer on
"A Review of Diesel Particulate
Regulations and the Impact on the
Mining Industry"**

<http://www.nssga.org>

**If your company is a member of NSSGA,
the annual meeting plus the
CONEXPO – CON/AGG fee is \$455.
If your company is not an NSSGA
member, the fee is \$600 for both.**

***The 2005 Wheaton College
Science Symposium***

March 30-April 1, 2005

Geoscience in Global Ministry

Symposium is Free

The symposium will offer presentations from practitioners with experience in community development and other forms of international service. Theme presentation topics include water resources (exploration, drilling, delivery and recycling), energy resources (fossil fuels and alternatives), ecological evaluation and preservation, and the geological components of holistic community development (including agriculture, sanitation, land-use planning, mining and many others). Presenters include Chris Walley, former head of the Geology Department at the American University at Beirut.

There will also be demonstrations of appropriate technologies, a tour of local

water recycling facilities and a special session for student posters and other displays. Informal dinner sessions will allow those interested to meet and share ideas and have time to interact with the presenters. A breakfast on Friday, April 1st will be for students to learn more about opportunities for international service.

The schedule includes evening presentations until 9 PM on Wednesday and Thursday evenings.

This three-day event is unique in its focus on the importance of geology for international development projects. Wheaton College and the participants in the symposium also represent a distinctive Christian perspective on service in missions.

For more information call Jeff Greenberg Wheaton College; phone (630) 752-5866 or via e-mail at

jeffrey.k.greenberg@wheaton.edu

Submitted by Jeff Greenberg

TRAINING COURSE

26th Annual Fundamentals of

Grouting Course

Colorado School of Mines

Golden, CO

May 2-6, 2005

Contact: Dr. Scott Kieffer

http://www.mines.edu/academic/mining/faculty/Kieffer/Skieffer_Homepage.htm

***Illinois State Geological
Survey to Celebrate Its
Centennial Year***

The Illinois State Geological Survey will celebrate its 100th anniversary in a series of events during the year 2005-2006. The current geological survey was founded on May 12, 1905, re-establishing a geological survey that had existed from 1851-1875.

As a part of the Survey's Centennial Celebration, the Survey will be hosting the 2005 national meeting of the Association of American State Geologists at St. Charles, Illinois, on June 11-15. Other special activities in honor of the Survey's centennial year will include seminars for the public with distinguished invited speakers, special centennial field trips, an

open house at the Natural Resources Building for high-school and university students and special guests, and a flagship publication, a book on the "Geology of Illinois". Also planned is the publication of a new geologic map of Illinois and special publications on Illinois' state parks. The Centennial Celebration will set the stage for a second hundred years of credible science and engineering on behalf of the public and private sectors. Further information may be found on the ISGS website.

Contributions in support of the Survey's Centennial Celebration are currently being accepted. They are tax deductible. Checks may be sent to ISGS Centennial, Illinois State Geological Survey, 121 Natural Resources Building, 615 E. Peabody Drive, Champaign, IL 61820 and made payable to University of Illinois Foundation/Illinois State Geological Survey or UIF/ISGS noting the funds are for the ISGS Centennial Celebration activities. For some of you who have already contributed, the Survey expresses its thanks and appreciation.

For information contact Morris Leighton at e-mail: leighton@isgs.uiuc.edu or on the ISGS website at <http://www.isgs.uiuc.edu/> click on Centennial Celebration in upper right.

Submitted by Morris Leighton

***From The PIE & GEM
Committees***

The Mansion Rocks

***Celebrate the Geologically
Related History of the Hegeler
Carus Mansion***

**Rocks & Minerals for Today's
Society**

Noon-4 PM

Sunday, March 20th 2005.

1307 7th Street

LaSalle, IL

**Sponsored by the Illinois Aggregate
Producers Association**

IDNR's rolling Rock Box will be there!

Admission is \$8. For more information call 815-224-6543 or go on line at:

www.hegelercarus.org

Submitted by Linda Hiltabrand of the DNR

MEMBER NEWS***Bob Archibald Incoming
Chairman of Construction
Materials and Aggregates
Committee***

Local SME member **Bob Archibald** of Fox River Stone was elected incoming Chairman of the SME Construction Materials and Aggregates Committee (CMAC). This is a standing committee - at the same level as the current five divisions within SME - and operates autonomously from the divisions.

The Industrial Minerals Division requested that CMAC consider becoming part of the Industrial Minerals Division. The CMAC executive committee met with the Industrial Minerals executive committee to discuss the potential merger. Later it was discussed at the CMAC meeting and put to a vote, and the merger was disapproved by unanimous vote. CMAC members agreed that due to the size of the aggregates industry versus all other mining segments in the US, a separate Construction Materials Division seems appropriate. Therefore the CMAC decided to stay separate with the intent of ultimately gaining Division status.

Gaining division status is a very lengthy process. One of the keys to success is gaining broader participation in the CMAC activities from producers throughout the country. This is the short term mission of the current CMAC membership and Archibald's mission personally. The best way to do this is to present useful programming related to construction materials at the annual meetings. Although we have had very good programming at the past two annual meetings, the CMAC group is re-doubling their efforts to provide superior programming for the 2006 meeting in St. Louis. Local member **John Head** of Continental Placer is the CMAC representative planning these sessions.

We also look forward to support from the local chapters in getting the word out. That's where this newsletter will volunteer to assist. Big press on this issue would be has been requested by Bob, and strong support for SME Construction Materials and Aggregates Committee by senior management of the aggregate companies in the Chicago area will be greatly

appreciated. You can expect to hear more on this topic via this newsletter in the next issue.

Bob Archibald can be contacted at Fox River Stone at (847) 742-6060 or via e-mail at bob@archibald.com.

Submitted by Bob Archibald

**Reclamation Award
Presented to Southern
Illinois Stone**

Southern IL Stone Company is the winner of the Illinois Department of Natural Resources, Office of Mines & Minerals, Mined Land Reclamation Award for 2005 in the non-coal category. Southern Illinois Stone Company at Buncombe, IL, has reclaimed this site for forage and wildlife habitat. They have worked with their local high schools to utilize the area as an outdoor classroom. Bird houses of various kinds have been installed to attract different species. In summer 2004 they hosted the Illinois Association of Aggregate Producers Teacher Workshop field trip, which gave 30 teachers a chance to see a working quarry.

Southern Illinois Stone Company is to be commended for upgrading the wildlife habitat on their property and enabling a local farmer to use a portion of the reclaimed area for pasture and hay harvesting. The company had to overcome a backlog of reclamation left by a previous operator. Their philosophy is that reclamation work is a part of production, not an after-thought, and it is carried on regularly as part of day-to-day operations. It is always done concurrently with production. The reclaimed area was carefully structured to provide adequate drainage. The goal was to reclaim the areas back to a natural state as much as possible and be attractive to wildlife. The land uses designated for this area are for wildlife and pasture.

These areas were a challenge because the surface was uneven with rocks and boulders left behind, there was little growing medium left, and several areas had drainage and erosion problems. In addition, the quarry has been developed into three ledges because of various limestone formation characteristics. The spoil taken from each ledge is segregated and placed in sequence into the reclamation

fill area. This more complicated handling is done to better duplicate conditions in the pre-mining state, plus some of the spoil works better as a growing medium than another type.

National Reclamation Awards

Southern Illinois Stone Company will also be nominated for two national reclamation award programs presented by the National Association of State Land Reclamationists and the Interstate Mining Compact Commission.

Your company may also be eligible. The 2006 Program Announcements will be mailed around May 1 with applications due October 1 so you can get some good photos this summer. Your Mine Safety-Reclamation staff would be happy to assist in these efforts. Contact Linda Hiltabrand via phone at 815-433-7050 or e-mail at lhiltabrand@dnrmail.state.il.us

Submitted by Linda Hiltabrand, DNR

Monday March 7, 2005

***Engineering & Mining Journal
(E&MJ) to be Merged With World
Mining Equipment***

Mining Media, the US-based parent company of Engineering & Mining Journal (E&MJ) and Coal Age, has purchased the title and assets of World Mining Equipment (WME) from UK-based Metal Bulletin plc.

WME will be merged into Mining Media's flagship title E&MJ that has served the global mining market for more than 140 years. The resulting E&MJ/WME will be the only audited international mining magazine, with proven worldwide circulation of over 20,000 and readership approaching 100,000.

Mining Media will add WME's industry conferences, including the Haulage and Loading and Drilling & Blasting shows, to its range of events that include the National Coal Show, Longwall USA, Coal Quality and MineWest. WME's upcoming Drilling & Blasting Conference, scheduled for April 17-19, 2005 in San Antonio, Texas at the Hilton Palacio Del Rio, will take place as planned and will have the full promotional support and backing of Mining Media

From WME news, submitted by Dick Phelps

2004-2005 Chicago Section SME Officers

Chairman	Gordie Stevens Patrick Engineering, Inc. Lisle, IL 630-795-7429 Fax 630-434-8400 gstevens@patrickengineering.com	GEM Coordinator	Anne Leslie Raimonde Drilling, Inc. Chicago, IL 708-583-9290 Fax 708-583-9491 rdcdill@rdc-drill.com
Vice-Chairman	John Head Continental Placer, Inc. Wheaton, IL 630-407-0800 x 103 Fax 630-407-0799 jhead@continentalplacer.com	Newsletter Editor	Rick Ackermann Patrick Engineering, Inc. Lisle, IL 630-795-7246 Fax 630-434-8400 rackermann@patrickengineering.com
Secretary	John Magyar International Mining Services Belvidere, IL 815-547-9211 Fax 815-547-8552 imsjmm@aol.com	Website Coordinator	Sarah Schlichtholz Continental Placer, Inc. Wheaton, IL 630-407-0800x109 Fax 630-407-0799 sschlic@continentalplacer.com
Treasurer	Steve Tivy Boncosky Oil, Inc. Elgin, IL 847-741-2577 Fax 847-741-2590 svtivy@comcast.net	Program Chairman	Frank Kendorski Agapito Associates Lombard, IL 630-792-1520 Fax 630-792-1580 frank@agapito.com

SME Chicago Section Membership Dues Form

Note: To become a member of SME at the national level, please join at www.smenet.org or get an application from Gordie Stevens.

NAME: _____

AFFILIATION: _____

ADDRESS: _____

E-MAIL: _____ @ _____

CITY, STATE, ZIP + 4: _____

DAYTIME TEL. NUMBER: _____

SPONSOR'S NAME: _____

STUDENT _____ **RETIRED** _____

Make Check for \$20.00 (\$10.00 for Student or Retired) out to “**Chicago Section – SME**” and mail to: Steve Tivy, Treasurer, Chicago Section of SME, Boncosky Oil Inc., 739 North State Street, Elgin, IL 60123

**NEXT MEETING
Tuesday, March 22, 2005**

**“Supervisor Training and
the Availability of Skilled Miners”**

**Bill Huber and Hersh Hayden
Weir International Mining Consultants**

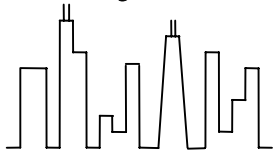
**At the
Ramada Inn at Burr Ridge:
300 South Frontage Road, Burr Ridge, IL.**

THANKS to Patrick Engineering, Inc. for Newsletter Editing, Paper, Copying, Stapling, and Grunt Work

Rick Ackermann
Newsletter Editor, Chicago Section SME
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Oswego, IL 60523
630-795-7246

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