



## WASHINGTON, DC SECTION

**SME** A Member Society of the American Institute of Mining, Metallurgical, and Petroleum Engineers

<http://www.smenet.org/> and <http://www.miningusa.com/sme/dc/>

### 2005-2006

#### CHAIRMAN

John D. Jorgenson  
U.S. Geological Survey  
989 National Center  
Reston, VA 20192  
(703) 648-4912  
[jjorgenson@usgs.gov](mailto:jjorgenson@usgs.gov)

#### 1<sup>st</sup> VICE CHAIRMAN

##### PROGRAM

Roy Tiley  
BCS, Inc.  
5550 Sterrett Place, Suite 306  
Columbia, MD 21044  
(410) 997-7778x220  
[rtiley@bcs-hq.com](mailto:rtiley@bcs-hq.com)

#### 2<sup>nd</sup> VICE CHAIRMAN

##### SPECIAL EVENTS

Lisa A. Corathers  
U. S. Geological Survey  
989 National Center  
Reston, VA 20192  
(703) 648-4973  
[lcorathers@usgs.gov](mailto:lcorathers@usgs.gov)

#### 3<sup>rd</sup> VICE CHAIRMAN

##### MEMBERSHIP

Karl S. Tsuji  
U.S. International Trade Commission  
500 E Street, SW  
Washington, DC 20436  
(202) 205-3434  
[karl.tsuji@usitc.gov](mailto:karl.tsuji@usitc.gov)

#### SECRETARY – TREASURER

Omayra Bermudez-Lugo  
U.S. Geological Survey  
991 National Center  
Reston, VA 20192  
(703) 648-4946  
[obermude@usgs.gov](mailto:obermude@usgs.gov)

#### ASSISTANT SECRETARY –

##### TREASURER

George K. Schuler, P.E.  
Securities & Exchange Commission  
100 F Street, NE  
Washington, DC 20549  
(202) 551-3718  
[schulerg@sec.gov](mailto:schulerg@sec.gov)

#### PAST CHAIRMAN

Christopher B. Mapes  
U.S. International Trade Commission  
500 E Street, SW  
Washington, DC 20436  
(202) 205-3034  
[christopher.mapes@usitc.gov](mailto:christopher.mapes@usitc.gov)

#### AWARDS

J. Michael Canty  
U.S. Department of Energy  
1000 Independence Ave., SW  
Washington, DC 20585  
(202) 586-8119  
[mike.canty@ee.doe.gov](mailto:mike.canty@ee.doe.gov)

#### GOVERNMENT, EDUCATION, MINERALS (GEM) AND STUDENT RELATIONS

William E. Brooks  
U.S. Geological Survey  
989 National Center  
Reston, VA 20192  
(703) 648-7791  
[wbrooks@usgs.gov](mailto:wbrooks@usgs.gov)

#### COUNCILORS

John H. DeYoung, Jr. (2003 – 2006)  
Leslie L. Coleman (2003 – 2006)  
John S. Hayden (2004 - 2007)  
John W. Padan (2004 - 2007)  
W. David Menzie (2005-2008)  
Michael N. Greeley (2005-2008)

### MONTHLY MEETING--Tuesday, March 14, 2006. Annual Krumb Lecture

**Speaker: Dr. J. Brent Hiskey, Associate Dean  
University of Arizona, College of Engineering and Mines**

**Topic: “Metal Deposition and the Electrocrystalization Process”**

**Abstract:** Electrochemical deposition as a metal recovery and refining technique has been utilized for centuries. Most recently, electrodeposition has played critical role in advanced in microelectronics and in the formation of nonstructured materials. This presentation will briefly review the principles and fundamentals of the processes of deposition and crystal growth. Practical systems such as cementation (metal displacement), electrowinning, and electrorefining will be discussed both in terms of their historical context and recent innovations. Pioneering concepts originally developed for metal recovery are not being applied and adapted in other areas of technology such as microelectronics fabrication and metallization. Select examples of these technologies will also be discussed.

**Where: Pier 7 Restaurant, 650 Water Street, SW, Washington, DC**  
(within walking distance of the Waterfront Metro on the Green Line)  
**Free parking** with validation from Pier 7 Restaurant.

11:30 - Social    12:00 - Lunch    12:30 - Speaker

**Meeting cost: \$20.00 for Washington, DC Section members  
\$25.00 for non-members**

**Please send your RSVP and entrée choice before 12:00 noon, Friday, March 10, 2006**

**Contact: Omayra Bermudez-Lugo, Secretary-Treasurer,  
at 703-648-4946 or [obermude@usgs.gov](mailto:obermude@usgs.gov)**

***Remember that we will bill "no-shows!"***

**--Lunch provided--**

**Entrée (choose one):** 1) Medallions of New York Sirloin, 2) Breast of Chicken, 3) Broiled Filet of Sole with Scallops, or 4) Seafood Newburg with Rice Pilaf.

**Served with:** Mixed Green Salad; Potato du Jour; Fresh Rolls; Coffee, Tea, or Milk; and Ice Cream Log with Strawberry Sauce.

\*\*\*\*\*

A reminder to look for upcoming calendar of events for our DC Section on our website:

<http://www.miningusa.com/sme/dc> Bookmark this site!