

The
North American Catalysis Society



NEWSLETTER

October, 2005

www.nacatsoc.org

Vol. XXXIX No. 2

New NAM Officers for 2005-2009

At the recent Board meeting of the North American Catalysis Society, elections were held for all officer positions. In addition, the Board voted to expand the role of the Newsletter editor to include web page editions. The title of this position will be Communications Director, which is to be an elected position with voting privileges at the Board meeting. The new slate of officers for 2005-2009 are

President, John Armor of GlobalCatalysis.com
Vice President, Enrique Iglesia, University of California at Berkeley
Secretary, Umit Ozkan, Ohio State University
Treasurer, John Byrne, Engelhard Corporation
Communications Director, Edrick Morales, Lyondell Chemical Company
Foreign Secretary, Curt Conner, University of Massachusetts at Amherst

In addition, since no Board member should hold two voting roles, John Armor has stepped aside as the newly elected Director-at-Large and Stu Soled of ExxonMobil (elected as an alternate Director-at-Large in the February elections) has been appointed to fill that role.

Items from May NACS Board of Directors Meeting

The Board expressed its thanks to the efforts of Gary McVicker (former Vice President), Mike D'Amore (former Newsletter Editor), and to Kathy Taylor and Gary McVicker who were former Director's at Large.

Regarding printed Newsletters and their distribution: The Board agreed that in the future the principle means of circulating the Newsletter will be by email and posting on the NACS website. For the balance of 2005 and 2006, the Society will continue to distribute a paper copy by mail. Members who do not have an email address or access to the WWW and wish to receive a paper copy will have to notify the Communications Director in writing to receive a paper copy from 2007 onwards. Members are encouraged to follow the NACS website for current news and Newsletter editions.

Kerry Dooley presented a progress report on the 2007 North American meeting to be held in Houston, TX at the Hilton. Meeting details are available from the special website: www.20nam.org Kerry Dooley and Brendan Murray are co-chairs of the meeting, Michel Daage and Wayne Goodman are the Technical Program chairs.

Enrique Iglesia reported on the 21st NAM to be held in San Francisco, CA in 2009. Enrique Iglesia and Bruce Gates are the co-chairs and Alex Bell will be the Technical Program Chair. The name of the local club has been changed to Pacific Coast Catalysis Society to reflect its broader membership from Oregon and Washington State.

Timing for Future NACS Awards

Each of the 4 NACS awards are announced every 2 years. The Ciapetta Lectureship Award is already open for nominations and will close on November 30, 2005

Nominations for the Houdry Award will open May 2006, close August 1, 2006

Nominations for the Emmett Award will open August 2006 and close Nov. 30, 2006

Nominations for the Burwell Lectureship will open January 2007 and close April 1, 2007

Details for submitting nominations and the composition of the nomination package are given under the Awards folder (www.nacatsoc.org) for each award.

-John Armor, President

Nominations for 2006 Ciapetta Lectureship Award

Nominations are now being accepted for the next Ciapetta Lectureship award given by the North American Catalysis Society. The award is described below.

The F.G. Ciapetta Lectureship in Catalysis is cosponsored by Grace Davison, a business unit of W. R. Grace & Co and The North American Catalysis Society. The Society administers this Lectureship. It is to be awarded biennially in even numbered years. The Award consists of a plaque and an honorarium of \$5,000. An additional \$4,500 is available to cover traveling expenses. The honorarium is provided completely by Davison. The Award is given in recognition of substantial contributions to one or more areas in the field of catalysis with emphasis on industrially significant catalysts and catalytic processes and the discovery of new catalytic reactions and systems of potential industrial importance. The awardee will be selected on the basis of his/her contributions to the catalytic literature and the current timeliness of these research contributions. The recipient may be invited to (1) visit and lecture to each of the affiliated Clubs/Societies with which mutually satisfactory arrangements can be made and (2) prepare a review paper(s) for publication covering these lectures. Publication will be in an appropriate periodical.

Nominations must be submitted before 30 November 2005 to:

John N. Armor
President, North American Catalysis Society
1608 Barkwood Dr
Orefield, PA 18069 USA

Edrick Morales Named Newsletter Editor/Communications Director

With the publication of this edition, Mike D'Amore, DuPont Co., has decided to retire after 11 years as Newsletter Editor. His place will be taken by Edrick Morales of Lyondell Chemical. Edrick will also assume responsibility for maintenance of the Society Web Site. His new title will be Communications Director reflecting his new overall responsibilities. Edrick's contact information is:

Edrick Morales, Lyondell Chemical, 3801 West Chester Pike, Newtown Square, PA 19073, ph: (610) 359-2929, edrick.morales@lyondell.com
nacatsoc@gmail.com should be used to communicate NACS newsletter and web page information.

Club/Society News

The **2006 Gordon Conference on Catalysis** will be held at Colby-Sawyer College in New Hampshire from June 25 to June 30, 2006. For additional information, please see the Gordon Conference web site www.grc.org

The Southeastern Catalysis Society held its Annual Symposium on September 25-26th at the Crowne Plaza Resort in Asheville, NC. There were 18 poster and 15 oral presentations which were attended by 65 catalysis researchers from around the region. The gathering began on Sunday evening with a social/poster session followed by dinner. Dr. Jim Parks of the National Transportation Research Center at Oak Ridge National Laboratory was the featured speaker, and he gave an after-dinner presentation entitled "Lean NOx Trap Catalysis for Emissions Control." As in previous Symposia, a graduate student poster competition was held with sponsorship by Eastman Chemical. First place was awarded to Jason Calla of the University of Virginia, and second place to Melanie Schaal of the University of South Carolina. Posters by Mary Minton of Virginia Tech and Sourabh Pansare of Clemson received honorable mention.

Besides holding the technical meeting, the Society also elected new officers. Outgoing President Robert Davis (Univ. Virginia) directed the process and handed over the gavel to ascending President-Elect Henry Lamb (North Carolina State Univ.). A new President-Elect (Chris Williams, Univ. South Carolina), a new Treasurer (David Bruce, Clemson), a new Secretary (Steve Overbury, Oak Ridge National Lab) and Liaison to the NACS (James

Goodwin, Clemson) were chosen by nomination and acclamation.

The event was the fifth such meeting since the inception of Society in 2002 and it is planned to continue in 2006 our "tradition" of holding an annual Fall Symposium.

The 19th Canadian Symposium On Catalysis will be held on May 14-17, 2006 At Delta Bessborough Hotel in Saskatoon, Saskatchewan, Canada. This biennial Canadian Symposium on Catalysis serves as forums of showcasing the latest achievements, promoting exchange of ideas, and stimulating new developments in all aspects of catalysis, not only for Canadian researchers but also for international colleagues. The theme of the 2006 meeting is "**Building Catalytic Bridges Between Academy And Industry.**" The meeting will focus on, but not be limited to, the following topics: Catalysis in Energy Production Including Heavy Oil and Bitumen Processing; Fuel Processing and Fuel Cell Catalysis; Surface Science Including Synchrotron Applications; Catalysis in Green Chemistry; Catalysis for Environment; Catalysis for Polymer Production and Processing; Homogeneous Catalysis; Photocatalysis; Unsteady State Catalytic Processes; Novel Catalyst Preparation and Other Topics. Key Dates are November 28, 2005: Deadline for abstract submission; January 30, 2006: Notice of acceptance; February 27, 2006: Deadline for early low cost registration; March 27, 2006: Final program announcement; May 14, 2006: Symposium (19th CSC) begins. For more information, please contact: Dr. A. Dalai (ajay.dalai@usask.ca) or Dr. H. Wang (hui.wang@usask.ca) www.engr.usask.ca/19csc2006

The Catalysis Club of Philadelphia

Each year the Catalysis Club of Philadelphia recognizes an outstanding member of the catalysis community. This award is given in recognition of the contributions to the advancement of Catalysis. Such an advancement can be scientific, technological, or in organizational leadership. This year the award is given to **Prof. Israel Wachs** of Lehigh University.

Officers for 2005-6 are Chair: Istvan Halasz, PQ Corporation; Past Chair: Jingguang Chen, University of Delaware; Chair elect: Roger Grey, Lyondell Chemical; Treasurer: Steve Harris, Lyondell Chemical; Program Chair: Mark Kaminsky, Lyondell Chemical; Arrangement Chair: Haiming Liu, Arkema; Secretary: Hong-Xin Li, Zeolyst Corporate; Sponsorship Director: Xiao Chen, Johnson Matthey; Membership Director: Edrick Morales, Lyondell Chemical Student Poster; Session Director: Michael Smith, University of Delaware; National Representative: Anne Gaffney.

Speaker schedule for the coming year: 9/15/2005 Prof. Matthew Neurock, University of Virginia; Mike Zellner, University of Delaware - Student Presentation; 10/20/2005 Prof. Israel Wachs - 2005 Catalysis Club of Philadelphia Award Winner Lehigh University, Elisabeth I. Ross, Lehigh University - Student Presentation; 11/17/2005 Prof. Enrique Iglesia (Burwell Lecture) UC Berkeley Joint Mtg. w/ NY Club; 1/19/2006 Dr. Aleksey Yezerets, Cummins, Inc., Student Posters Session; 2/16/2006 Prof. Raymond Gorte University of Pennsylvania; 3/16/2006 Prof. Ted Oyama Virginia Tech.; 4/20/2006 TBA; 5/18/2006 Spring Symposium at University of Delaware

The Catalysis Society of Metropolitan New York

announces its 2005-2006 Program. September 21, 2005, Prof. Raymond Gorte, University of Pennsylvania; October 19, 2005, Prof. Robert Davis, University of Virginia; November 17, 2005, Prof. Enrique Iglesia (Burwell Lecture), University of California)Co Sponsored Seminar with Philadelphia Catalysis Club; January 18, 2006, Prof. Kendall Thompson, Purdue University; February 15, 2006, Dr. Thomas Colacot, Johnson-Matthey Corp.; March, 2006, Spring Symposium; April 26, 2006, Professor Thomas Pinnavaia, Michigan State University; May 11, 2005, Excellence in Catalysis Award Lecture.

The Catalysis Club of Chicago is soliciting nominations for the Herman Pines Award for outstanding research in the field of catalysis. Herman Pines was an outstanding research scientist, and his work revolutionized the general understanding of organic chemistry, particularly the chemistry of hydrocarbons interacting with

strong acids. The award in his honor is sponsored by UOP where Herman began his industrial career in 1930 and amassed 145 US patents over a 23 year period. The award is being co-sponsored by the Catalysis Club of Chicago of which Professor Pines was a founding member. The award will be presented at the 2006 Spring Symposium of the Catalysis Club of Chicago. The recipient will receive a cash award of \$1,000 and reimbursement for travel and lodging as a plenary speaker at the Spring Symposium.

Past winners of the Herman Pines Award have been:
1999 - Professor Harold Kung (Northwestern University) 2000 - Dr. John Monnier (Eastman Chemical Company) 2001 - Professor Lanny Schmidt (University of Minnesota) 2002 - Dr. James Brazdil (BP) 2003 - Professor James A. Dumesic (University of Wisconsin) 2004 - Dr. Alak Bhattacharyya (BP) 2005 - Professor Israel Wachs (Lehigh University)

The recipient will be chosen based on the following criteria:

*Importance of catalysis research completed in the past five years.
*Alternation of the award between industrial and academic/national laboratory researchers.
*Recipient must be a resident of North America.

For the award to be given in 2005, nominations for AN INDUSTRIAL RESEARCHER are sought by January 31, 2006. Nominations should describe the specific work for which the nominee should be recognized. Please send your nomination either through the Internet Nomination Form from the CCC website (www.cmt.anl.gov/CCC/) or directly via regular mail by the deadline to:
Professor John Regalbuto,
Department of Chemical Engineering, University of Illinois/Chicago, 810 South Clinton Street, Chicago, IL 60607-7000, (312) 996-0288 (312) 996-0808

The recipient will be notified in February of 2006, and the award Address will take place at the Spring Symposium in May of 2006.

This Newsletter is a publication of The North American Catalysis Society, President: Dr. John N. Armor, Consultant-GlobalCatalysis.com; Vice President: Prof. Enrique Iglesia, University Of California At Berkeley; Secretary: Dr. Umit S. Ozkan, Chemical Engineering Dept, Ohio State University, Columbus, Ohio 43210, ozkan.1@osu.edu; Treasurer: Dr. John W. Byrne, Engelhard; Foreign Secretary: Dr. Curt Conner, University of Massachusetts; Past President: Dr. M. Albert Vannice, Penn State Univ.; Directors-at-Large: Dr. Bruce Gates, UC, Davis; Prof. Jingguang Chen, University of Delaware; Dr. Christopher L. Marshall, Argonne National Laboratory; Dr. Stuart Soled, Exxon Mobil. Club Representatives: California-Dr. E. Iglesia; Canada-Dr. J. Monnier; Chicago-Dr. C. Marshall; Mexico-Dr. M. Viniestra; Michigan-Dr. G. Fisher; New England-Dr. W.C. Conner; New York-Dr. J. Byrne; Philadelphia-Dr. A. Gaffney; Pittsburgh/Cleveland-Dr. D. Dadyburjor; Organic Reactions-Dr. S. E. Jacobson; Southeast-Prof. J. Goodwin; Southwest-Dr. B. D. Murray; Tri-State-Dr. P. Doolin; Western States-Dr. J. Miller. Contributions for the Newsletter should be directed to the Editor and Communications Director, Dr. Edrick Morales, Lyondell Chemical Co., 3801 West Chester Pike, Newtown Square, PA 19073, Ph: (610) 359-2929, E-mail: nacatsoc@gmail.com. Society Web Address www.nacatsoc.org.