



American Chemical Society  
Division of Inorganic Chemistry

DIC Website: [www.acsdic.org](http://www.acsdic.org)

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***Winter Newsletter – 2010***

Prepared by Michael J. Scott, Secretary

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## 1. NOMINATIONS SOUGHT FOR DIC AWARDS

### Young Investigator Symposium

*Call For Nominations Deadline January 15, 2011*

The ACS DIC solicits nominations for the Young Investigator Symposium to be held on Sunday afternoon of the Fall 2011 ACS meeting in Denver.

This DIC symposium honors talented young inorganic chemists, and provides a high-profile forum for them to present their research results. There will be a total of 8 speakers, and each will give a 30-minute presentation. The DIC will provide a \$1000 honorarium for each speaker and a plaque to commemorate her/his participation in the event.

Only DIC members are eligible. Candidates must be enrolled as graduate students or hold positions as postdoctoral fellows (academia, industry or government lab), and be no more than one year beyond completion of the Ph.D. at the time of the nomination. Visiting scholars and similar titles are not eligible. The speakers will be selected from nominations submitted by January 15, 2011. The awards will be announced on February 28, 2011. Awardees must not have accepted a permanent, independent position at the time of selection. Candidates will be asked to verify that they have not accepted a permanent position before being named as awardees.

Nominations may be submitted by a research advisor of the candidate. Self-nominations are not allowed. ***Nominations should include:***

- 1) A cover page containing on separate lines: **a)** the candidate's first and last name, **b)** the candidate's physical and email addresses valid until August 2011, **c)** the ACS membership number, **d)** the DIC membership status, **e)** the affiliation, **f)** the name of the advisor, **g)** the number of publications, **h)** the number of publications on which the candidate is the first author, **i)** the most important previous awards received by the candidate, **j)** references of the five most important papers published by the candidate.
- 2) A nomination letter limited to two pages (single-spaced, 12-pt Times or 11-pt Arial font). This letter should contain **a)** a description of the research accomplishments of the nominee; **b)** a description of the research topic to be presented at the symposium and why this would be of broad interest.
- 3) The candidate's resume including a list of publications and presentations.

Additional communications with the selection committee are strongly discouraged, and may result in disqualification of the candidate. The selection committee consists of the 2011 DIC Chair Francois Gabbai and the chairs of the four DIC subdivisions. Applications are to be submitted by January 15, 2011 by email attachment to [younginvestigator@acsdic.org](mailto:younginvestigator@acsdic.org) as a single pdf file with the title consisting of the last name of the candidate (ie: "LASTNAME.pdf"). Please, also enter the last name of the candidate on the subject line of the email.

### 2011 ExxonMobil Solid State Chemistry Faculty Fellowship

*Call For Nominations Deadline January 15, 2011*

The ExxonMobil Foundation is sponsoring the ExxonMobil Solid State Chemistry Faculty Fellowship, which includes an award in the form of an unrestricted grant of \$10,000. The Solid State and Materials Chemistry Subdivision of the ACS Division of Inorganic Chemistry

administers the selection of the recipient. The fellowship will be formally presented at the Fall 2011 ACS Meeting in Denver.

The Solid State Chemistry Faculty Fellowship recognizes young scientists who have made substantial contributions to the discipline of solid-state chemistry and have the potential to emerge as leaders in the field. The Fellowship also recognizes solid-state chemistry as a critical science and engineering discipline that is a vital component of the research enterprise in the United States. The recipient of the fellowship must hold a tenure-track faculty position at a U.S. institution, must not yet have received tenure, and, preferably, is not currently in the final stage of tenure review. Selection will be based on past and current independent contributions and on the potential for future contributions to our knowledge of synthesis, properties, reactivity, structure, and bonding in solids.

***Nominations must contain:*** (1) a nomination letter; (2) a one-page summary of current research interests; (3) a brief vitae; (4) a publication list; (5) two additional supporting letters; (6) copies of not more than three recent publications. The deadline for nominations is January 15, 2011. The award will be announced on March 1, 2011.

Nomination packages and letters of support, in the order noted above, should be combined into a single pdf file and emailed as an attachment to Kyoung-Shin Choi, Solid State and Materials Chemistry Subdivision Chair, at [exxonmobil@acsdic.org](mailto:exxonmobil@acsdic.org). Any questions that you have about the award can be directed to Kyoung-Shin Choi at [kchoi1@purdue.edu](mailto:kchoi1@purdue.edu).

### **Nanoscience Award**

*Call For Nominations Deadline January 15, 2011*

The Nanoscience Subdivision of the ACS Division of Inorganic Chemistry (DIC) is pleased to solicit nominations for the Inorganic Nanoscience Award, sponsored by the University of South Carolina NanoCenter. The award consists of \$3000 made out to the winner, as well as a plaque to be presented to the recipient at the Fall 2011 ACS meeting in Denver. The recipient will be based at either an academic institution or a national laboratory setting in North America. The intent of the award is to recognize sustained excellence, dedication, and perseverance in research in the area of inorganic nanoscience. Recipients are expected to be at the mid-career stage. Preference will be given to nominees who have not won an ACS award during the past five years.

Self-nomination is allowed. Each nomination should include a full curriculum vitae, a list of publications, and a short statement that highlights the key research discoveries that merit a national award in the area of inorganic nanoscience. Each nominee should also arrange for three letters of support to be sent separately. Only one of the three supporting letters can be from the nominee's home institution. Nominations and letters of support should be emailed as pdf attachments to Ryan Richards, Nanoscience Subdivision Chair, at [nanoawards@acsdic.org](mailto:nanoawards@acsdic.org). Inquiries (but not nomination materials) should be addressed to Ryan Richards at [rriehard@mines.edu](mailto:rriehard@mines.edu). The winner will be selected from nominations submitted by January 15, 2011. The award winner will be announced on or around March 1, 2011.

### **ACS Division of Inorganic Chemistry Undergraduate Award in Inorganic Chemistry**

*Call For Nominations Deadline June 30, 2011*

Nominations for the 2011 ACS Division of Inorganic Chemistry Undergraduate Award in Inorganic Chemistry are being solicited. The purpose of this award is to recognize achievement

by undergraduate students in inorganic chemistry and to encourage further study in the field. Every ACS Certified Department is eligible to nominate one student for this award. The student nominee will have demonstrated excellence in inorganic chemistry at the undergraduate level based on any combination of research, coursework, and /or motivation / interest / dedication as defined by their nominating institution and should have future plans that include a career in chemistry. Each student nominated will receive a certificate and letter of commendation from the Chair of the Division of Inorganic Chemistry.

A request for nominations will be sent to the Chairs of all ACS Certified Departments in January. Nominations for the 2011 Award can be submitted to <http://www.ionicviper.org/dicaward/> and will be accepted until June 30, 2011. Questions about the award can be directed to Barbara Reisner ([reisneba@jmu.edu](mailto:reisneba@jmu.edu)).

### **DIC Student Travel Award Program**

The DIC is accepting applications for student travel awards for graduate and undergraduate students presenting research talks or posters at ACS National Meetings. The upper amount of the award is \$800.00. The deadline for receipt of applications is January 15 for the Spring ACS National Meeting, and June 1 for the Fall ACS National Meeting. Winners will be notified by March 1 and August 1, respectively, for the Spring and Fall meetings.

Selection process: Applications submitted by undergraduate researchers, graduate students in the first two years of their PhD and graduate students in the final years of their PhD will be reviewed separately. Within each category, the selection process will be based on scientific merit. Preference will be given to applicants who have not been awarded a Student Travel Award previously.

#### ***Eligibility:***

- 1) The student must be a member of the DIC and must present his/her paper in the DIC program. Students who are not making presentations are ineligible.
- 2) Only one nomination will be accepted per research group for each meeting. Exceptions may be granted for collaborative projects.

#### ***Application Procedure:***

- 1) Use the linked questionnaire ([travelgrantappform.pdf](#)) as a cover page for your application package. Please make sure to complete it in its entirety.
- 2) A proof of your current ACS and DIC membership status such as a copy of your receipt or membership certificate – If you are not in possession of one of these documents, please contact the ACS membership services at 800-333-9511 to request a copy).
- 3) An abstract of the work to be presented in the DIC program.
- 4) A resume, including a list of publications and presentations.
- 5) A recommendation letter from your research advisor.

The application must be saved as a SINGLE pdf file and emailed as an attachment to [studentawards@acsdic.org](mailto:studentawards@acsdic.org). Please, use the applicant's last name to name the pdf file.

## 2. RESULTS FROM THE 2010 ELECTION

In the Fall 2010 DIC election, held in November 2010, the following offices were filled:

- CHAIR-ELECT  
Jeffrey R. Long (UC Berkeley)
- TREASURER-ELECT  
Seth M. Cohen (UC San Diego)
- CHAIR-ELECT, BIOINORGANIC SUBDIVISION  
Christopher J. Chang (UC Berkeley)
- CHAIR-ELECT, NANOSCIENCE SUBDIVISION  
Teri W. Odom (Northwestern)
- CHAIR-ELECT, ORGANOMETALLIC SUBDIVISION  
Oleg V. Ozerov (Texas A&M)
- CHAIR-ELECT, SOLID STATE SUBDIVISION  
Susan E. Lattner (Florida State University)
- EXECUTIVE COMMITTEE MEMBER AT LARGE  
Christopher C. Cummins (MIT)
- COUNCILOR  
Silvia Ronco (Research Corporation)  
Ana de Bettencourt-Dias (University of Nevada, Reno)
- ALTERNATE COUNCILOR  
James M. Boncella (Los Alamos National Laboratory)  
Lisa F. Szczepura (Illinois State University)

## 3. MESSAGE FROM THE CHAIR – Ann Walker

It was a privilege to serve as the Chair of the DIC this past year. I am particularly grateful to the previous year's Chair, Susan Kauzlarich, Secretary Mike Scott, Treasurer Ken Klabunde, and Program Chairs Bernadette Donovan-Merkert and Michelle Millar, and all the members of the DIC Executive Committee for their very positive efforts in advancing the cause of inorganic chemistry through dedicated service to the DIC. And Chair-Elect François Gabbaï was a constant source of new and creative ideas, almost all of which he has implemented to improve our DIC website, organize symposia, and many other important aspects of our Division! It is a joy and a pleasure to have so many high quality coworkers who are willing to make great contributions to inorganic chemistry on a volunteer basis. Many thanks to all of you!

As I become Past-Chair, I want to encourage you to consider organizing a symposium at an ACS meeting. We are happy to consider both large and small symposia, including those that are cross-disciplinary and those that are highly specialized, that might be of interest to the inorganic community. If approved by the Executive Committee, current DIC funding is at \$2,000

per half-day session with a maximum of \$8,000 for four half-days. For organizers willing to hold symposia on Wednesday and Thursday, the DIC contribution is \$2,500 per half-day session, up to \$10,000 in total for four half days. Please email the incoming Chair-Elect, Jeff Long, with topics, proposed number of half-day session, to be held at what proposed meeting, and the names of the organizers with email addresses included to [dicsymposia@acsdic.org](mailto:dicsymposia@acsdic.org).

As the 2011 Past-Chair I plan to continue my involvement with the DIC by working with the new Chair, François Gabbai, and Chair-Elect, Jeff Long. I am grateful for all of the support and advice I have received from Susan Kauzlarich and previous Chairs, and I hope to be able to pass on some of the wisdom they imparted to me! I look forward to my final year's involvement with the DIC Executive Committee and each of the new officers!

Before closing, I would like to inform you of the following two new initiatives:

- To promote the area of Inorganic Chemistry and foster its continued growth, the DIC has established a program aimed at the creation of new National ACS Awards in the area of Inorganic Chemistry. To facilitate the establishment of such awards, the DIC will offer its guidance and administrative assistance to any individual or entity interested in making a donation. The DIC is also pleased to announce an incentive program in which it will provide, depending on the availability of funds, a portion of the endowment needed for the establishment of such an award. Although the figures may vary from year to year, the creation of a new National ACS Awards necessitates an endowment of at least \$250,000 (non-profit rate) as well as approval by the ACS Board. All inquiries, which will be kept confidential, should be directed to the chair of the DIC. Establishment of this program would not have been possible without the hard work of Susan Kauzlarich, François Gabbai and Malcolm Chisholm.
- The DIC has also formed an exciting new partnership with the Interactive Online Network of Inorganic Chemists (IONiC, <http://www.ionicviper.org>), an organization who has and continues to play a prominent role in the organization of Undergraduate Symposia at National ACS meeting. This partnership will also allow IONiC to formally administer the ACS Division of Inorganic Chemistry Undergraduate Award Program in Inorganic Chemistry. Altogether, this initiative will strengthen the educational component of our activities while helping to support research at primarily undergraduate institutions.

#### **4. MESSAGE FROM THE CHAIR-ELECT – François Gabbai**

##### **Congratulations**

I would like to start my contribution to this newsletter by congratulating Alan Balch, Chuck Casey, Bob Cava and Pete Wolczanski for winning National ACS Awards in the area of inorganic and/or organometallic chemistry. The strength of our field is further reflected by Greg Grant who won the ACS award for Research at an Undergraduate Institution, Debra Rolison who has won the Materials Chemistry Award, Melanie Sanford who won both (!) the Fresenius and Pure Chemistry award and Mike Strem, a longtime supporter of the DIC, who won the Charles Lathrop Parsons. This inorganic tour de force would not be complete without the Pingwu Du/Rich Eisenberg student/mentor pair who has been jointly awarded the Nobel Laureate Signature Award for Graduate Education in Chemistry. These recognitions, which attest to the importance of our discipline both in research and education, will be showcased in several award symposia scheduled as part of the Inorganic programming at the Spring ACS Meeting in Anaheim.

## Solicitations

Nominations are sought for our flagship grant and award program, including the DIC Young Investigators Award, the ExxonMobil Solid State Chemistry Faculty Fellowship, and the Inorganic Nanoscience Award. The nomination deadline for all three programs is January 15, 2011. Applications are also solicited for our student travel grant program. Information about all of these awards and grant programs can be found at <http://www.acsdic.org/awards.htm>.

## Thanks and Welcome

Ann Walker has assembled an impressive array of symposia for 2011 and numerous proposals are currently under review for 2012. On the behalf of the division, I would like to thank all of those who have stepped forward as symposium organizers; I would also like to encourage those interested in submitting symposium proposals for 2013 to contact Jeff Long, the 2011 chair-elect. As I transition into my role of chair of the Division, Mike Scott will be succeeded by John Protasiewicz who will start his three years secretary term. Seth Cohen will also join the executive committee as treasurer- elect and will spend the year working with Ken Klabunde to learn about the finances of our division. Special thanks should go to Bernadette Donovan-Merkert who is concluding her term as DIC program co-chair. Bernadette, who has been a pillar of our programming for over 10 years, will be succeeded by Nora Radu (Dupont). We welcome Nora in this new important role and extend our sincere gratitude to Michelle Millar, the other program co-chair, and Steve Koch, our programming consultant, for their continued excellence, dedication and enthusiasm with all programming matters. To conclude this newsletter, I want to express my sincere gratitude to the entire executive committee as well as to everyone who participated in the 2010 election. Special thanks go to Ann Walker for her dedicated service as chair of the division in 2010.

## 5. MESSAGE FROM THE SECRETARY – Mike Scott

Members and nonmembers may find information and news from the Division of Inorganic Chemistry at the DIC website [www.acsdic.org](http://www.acsdic.org). Members are encouraged to maintain current e-mail addresses in their ACS profiles. These profiles are used to generate the regularly updated email lists that the Secretary receives from the ACS. Members may view and edit their ACS profiles by logging in at [www.chemistry.org](http://www.chemistry.org). Current division and subdivision memberships may also be confirmed in the member's profile at this site. The DIC email list is confidential, and is used only to convey DIC news, announce DIC elections, and to inform members of upcoming meetings, and award and funding opportunities. This email list will never be provided to third parties, such as commercial advertisers.

DIC members may belong to one or more DIC subdivisions (at no additional cost). **One must be a subdivision member to vote in subdivision elections.** Subdivision membership can be changed or specified by emailing the ACS at [service@acs.org](mailto:service@acs.org), with a request that the appropriate subdivision code(s) be added to one's membership record. All such requests must be accompanied by a membership number. The codes for the subdivisions are:

**Bioinorganic I17**

**Nanoscience J17**

**Organometallic H17**

**Solid State and Materials G17**

Finally, I would like to thank everyone for the help during my time with the division and I welcome John Protasiewicz as he takes over the position of Secretary of the division.

## **6. MESSAGE FROM THE TREASURER – Ken Klabunde**

The Division of Inorganic Chemistry remains financially healthy. As of December 2010, the Bank of America balance was \$424,068.

As the year progresses, with the two National ACS meetings, some local section meetings, and this year the Pacificchem meeting, the bank balance bounces up and down since payment for speakers and other expenses change from month to month. Thus, the balance in April was \$347,349, and in June \$432,429.

In April, the ACS membership deposits into our account were \$97,376 (compared to \$99,210 in 2009) and an additional \$28,545 for Division dues. This year there were also many contributions for symposia from Industries, Foundations, Government Labs, and individuals.

All tax documents and other reports have been submitted in a timely fashion. We look forward to another good year and encourage the Inorganic members to plan and organize high quality symposia that attract many people. Indeed, the ACS deposits in our account depend on two main things: (1) the number of Inorganic Division members, and (2) the number of people who attend the symposia we organize (that is, “butts in the seats”).

Anticipating the election of a new Treasurer for a three-year term, a list of duties was written and given to the Division Chair and Chair-Elect.

## **7. NEWS FROM THE BIOINORGANIC SUBDIVISION – Kara L. Bren and Debbie C. Crans**

DIC has played an active role in supporting members of the community in nomination for the 2010 class of ACS fellows, and the Bioinorganic Subdivision's first nominee, Vincent L. Pecoraro, received this recognition Summer 2010.

DIC continues to support Gordon Research Conferences of importance to Inorganic Chemists. The summer of 2011, the Metals in Medicine Gordon Conference was able to award several student and young faculty travel fellowships because of the support by DIC.

The Bioinorganic subdivision continues to support proposals for symposia, and look forward to two excellent symposia at the Spring ACS meeting: “Heme Modification, Transport and Regulation” organized by Eric Hegg and Kara Bren and “Magnetic Spectroscopic Approaches to the Study of Metals in Biology” organized by Mario Rivera and Partha Basu. If you have any suggestions for symposia for the year 2011-2012, please contact Debbie C. Crans ([crans@lamar.colostate.edu](mailto:crans@lamar.colostate.edu)).

The ACS DIC continues to assist the National Institutes of Health in identifying scientists who are willing to participate in NIH's peer review process by serving as study section members. Please contact Debbie C. Crans for more information ([crans@lamar.colostate.edu](mailto:crans@lamar.colostate.edu)).

In addition to National ACS meeting this fall the Bioinorganic Subdivision wish to remind its members about the upcoming 15<sup>th</sup> International Conference for Bioinorganic Chemists (ICBIC15) that is to take place in August 7-12, 2011 (see [www.icbic15.com](http://www.icbic15.com) for more information; the registration deadline is April 15th).

Finally, we welcome Chris Chang as the incoming Bioinorganic Subdivision Chair-Elect in 2011 and Chair in 2012.



## 8. NEWS FROM THE SOLID-STATE SUBDIVISION – Stephanie L. Brock

The solid-state subdivision is seeking ideas for future symposia, as well as volunteers to organize these symposia. The Fall 2010 ACS Meeting featured a symposium on Inorganic Materials: Electrochemistry and Battery Applications, which flowed nicely into the Exxon-Mobil Award symposium in honor of Sarbajit Banerjee. Attendance was strong in both symposia. Coming up at the Spring 2011 ACS Meeting, we have several symposia of interest to solid state chemists, including award symposia in honor of Robert J. Cava (Award in Inorganic Chemistry) and Debra R. Rolison (Award in Chemistry of Materials). If you are interested in organizing a symposium with a solid state theme, or have an idea of a symposium you would like to see at a future ACS meeting in this area, please contact Kyoung-shin Choi at [kchoi1@purdue.edu](mailto:kchoi1@purdue.edu).

## 9. MESSAGE FROM THE PROGRAM CHAIRS – Michelle Millar and Nora Radu

We would like to thank Bernadette Donovan-Merkert for her long, excellent service as a Program co-Chair and to welcome her very capable replacement, Nora Radu, who will be running the Denver meeting as well as contributing significantly to many aspects of the programming.

Most of us fondly remember when the list of talks at the ACS meetings was published a few weeks prior to the meeting in C&E News in. Some of us even remember when members of the division received a booklet containing all the abstracts of the Inorganic Division. We can't send you the booklet, but in 2011 you will be able to download a pdf copy of all the Inorganic Division Abstracts. In addition, you will be able to download a listing of the Inorganic Divisions talks in the format previously seen in C&E News. Both formats will be available for download from the Inorganic Division web site in early March for the Anaheim meeting. A special message will be sent out announcing this perk.

The **Anaheim Spring ACS meeting (March 27-31, 2011)** is shaping up to be a Mega meeting for the Inorganic Division. There will be 1153 oral and poster presentation in the Inorganic Division. Interestingly, on the morning of the deadline for abstract submission, there were only 550 submitted abstracts. Many members of the Inorganic Division waited until the last hour of the last day to submit their abstracts, which explains why the late submitters experienced some problems when the ACS computers got overloaded.

In addition to the many sessions of contributed talks and posters, there are four special symposia:

**Magnetic Spectroscopic Approaches to the Study of Metals in Biology** organized by Partha Basu and Mario Rivera.

**Recent Advances in Structural Main Group and Organometallic Chemistry** organized by Charles Riordan and Josh Figueroa.

**Undergraduate Research at the Frontiers of Inorganic Chemistry** organized by Lori Watson and Sheila Smith.

**Heme Modification, Transport and Regulation** organized by Kara Bren and Eric Hegg.

We would like to particularly highlight the 100+ talks and posters contributed to the Undergraduate Research Symposia. Remember that by attending the poster sessions and talking with the undergraduate and graduate student poster presenters, you will be inspiring the next generation of inorganic chemists.

Several years ago, Debbie Crans suggested the idea of having special symposia in honor of the Inorganic Award winners. These symposia are now a key feature of the spring meeting. Prepare to take in numerous great talks by the award winners as well as the speakers who have been invited to take part in the special symposia:

**Mike Strem**, the winner of the Charles Lathrop Parsons Award, symposium organized by Michelle Millar and Joseph Sabol. (note – this symposium will be followed by a gala reception for all – stay tuned for further information).

**Chuck Casey**, the winner of the ACS Award for Distinguished Service for the Advancement of Inorganic Chemistry, symposium organized by Clark Landis.

**Alan Balch**, the winner of the F. Albert Cotton Award in Synthetic Inorganic Chemistry, symposium organized by Susan Kauzlarich.

**Debra Rolison**, the winner of the ACS award for the Chemistry of Materials, symposium organized by Stephanie Brock.

**Gregory Grant**, the winner of the ACS Award for Research at an Undergraduate Institution, symposium organized by Dan Rabinovich and Monte Helm.

**Pete Wolczanski**, the winner of the ACS Award in Organometallic Chemistry, symposium organized by Adam Veige and Kit Cummins.

**Bob Cava**, the winner of the ACS Award in Inorganic Chemistry, symposium organized by Raymond Schaak.

**Melanie Sanford**, the winner of the National Fresenius Award.

**Pingwu Du and Richard Eisenberg**, the winners of the Nobel Laureate Signature Award or Graduate Education.

The **Fall 2011 ACS meeting will take place in Denver from August 28<sup>th</sup> to September 1<sup>st</sup>**. The theme selected for this meeting is Chemistry of Air, Space and Water. The Program and Abstract Creation System (PACS) on the ACS website will be opened for **abstract submission from January 24<sup>th</sup> to March 21<sup>st</sup>, 2011**. The Inorganic division's technical program will consist of the following special symposia:

**Towards Earth Abundant Solar Photocatalysis** - organized by Mathew Shores, Neils Dumrauer and Anthony Rappe.

**Materials Chemistry for Solar Energy Capture** - organized by Jeffrey M. Pietryga and John Papanikolas.

**Fifty Years of Inorganic Chemistry - A Celebration of Past, Present and Future** – organized by Richard Eisenberg.

**Frontiers in C-H Activation and Functionalization** - organized by Brent Gunnoe and Suzanne Golisz.

**ExxonMobil Solid State Chemistry Faculty Fellow Award Symposium**- organized by Kyoung-Shin Choi.

**Inorganic Nanoscience Award** - organized by Ryan Richards.

**Young Investigator Symposium** - organized by Francois Gabbai.

## 10. MESSAGE FROM THE MEMBERSHIP CHAIR – Zi-Ling (Ben) Xue

Division of Inorganic Chemistry (DIC) remains a strong division with one of largest memberships in ACS.

I encourage you to help recruit DIC members and would like to thank those who have done so. Benefits for DIC members include access to meeting abstracts, eligibility for Division awards, participation in DIC elections, and opportunities to join four DIC subdivisions (*Organometallic, Bioinorganic, Solid-State and Materials, and Nanoscience*) at no additional cost. Details are at the DIC website: <http://www.acsdic.org>. All first-time ACS members are offered free DIC membership for one year. One may either apply online or by mail or Fax. Details are at the ACS website: <http://portal.acs.org/portal/acs/corg/content>

DIC Young Investigator Symposium and Student Travel Award Program are two particular awards for DIC members (<http://www.acsdic.org/awards.htm>). The Symposium is an annual event at the Fall ACS national meetings and requires nominations. “The candidates must be enrolled as graduate students or hold positions as postdoctoral fellows (academia, industry or government lab), and be no more than one year beyond completion of the Ph.D. at the time of the nomination.” For the 2010 Symposium in Boston in August, “there will be a total of 8 speakers, and each will give a 30-minute presentation. The DIC will provide a \$1000 honorarium for each speaker and a plaque to commemorate her/his participation in the event.”

The Student Travel Award is a semiannual program. The awards (up to \$800 per individual) support both undergraduate and graduate students to present research talks or posters at Spring and Fall ACS National Meetings.

The DIC Undergraduate Award in Inorganic Chemistry is a recent award that recognizes “achievement by undergraduate students in inorganic chemistry and to encourage further study in the field. Every ACS Certified Department is eligible to nominate one student for this award.” For the 2010 recipients, see <http://www.acsdic.org/undergrad.htm>

## 11. MEETINGS AND SYMPOSIA

### *Thematic Programming at ACS National Meetings - Report by Zi-Ling (Ben) Xue*

As many of you may know, there is now a theme at each ACS National Meeting. Themes for the next four ACS National Meetings are listed below. If you plan to organize DIC symposia at the 2011 and 2012 meetings, you might consider these themes in your planning.

### *Future Thematic Programming at ACS National Meetings*

Spring 2011, Anaheim	Chemistry of Natural Resources	Pending
Fall 2011, Denver	Chemistry of Air, Space, and Water	Pending
Spring 2012, San Diego	Chemistry of Life	Pending
Fall 2012 Philadelphia	Chemistry of Health	

### **Other Meetings of Potential Interest**

Metals in Biology - Gordon Conference

January 30 - February 4, 2011; Four Points Sheraton / Holiday Inn Express Ventura, CA

Chemical Reactions at Surfaces - Gordon Conference

February 6-11, 2011; Ventura Beach Marriott, Ventura, CA

AMN-5: 5th International Conference on Advanced Materials and Nanotechnology

February 7-11, 2011; Town Hall, Wellington, New Zealand - <http://www.confer.co.nz/amn-5/>

Inorganic Reaction Mechanisms - Gordon Conference

March 6-11, 2011; Hotel Galvez, Galveston, TX

<http://www.grc.org/programs.aspx?year=2011&program=inorreac>

EICC-1: First EuChemS Inorganic Chemistry Conference

April 11-14, 2011; University of Manchester, United Kingdom

<http://www.rsc.org/ConferencesAndEvents/RSCConferences/EICC1/index.asp>

Environmental Nanotechnology - Gordon Conference

May 29-June 3, 2011; Waterville Valley Resort, New Hampshire

<http://www.grc.org/programs.aspx?year=2011&program=environano>

3rd Georgian Bay International Conference on Bioinorganic Chemistry (CanBIC III)

May 31-June 4, 2011; Parry Sound, Ontario, Canada - <http://www.canbic.ca>

10th International Conference on Materials Chemistry (MC10)

July 4-7, 2010; Manchester UK - [www.rsc.org/ConferencesAndEvents/RSCConferences/MC10/](http://www.rsc.org/ConferencesAndEvents/RSCConferences/MC10/)

19th International Symposium on Olefin Metathesis and Related Chemistry (ISOM XIX)

Jul 10-15, 2011; Rennes, France - <http://isom19.univ-rennes1.fr/>

43<sup>rd</sup> IUPAC World Chemistry Congress

July 30-August 7, 2011; Puerto Rico, United States - <http://www.iupac2011.org/>

ICBIC 15 - 15th International Conference on Biological Inorganic Chemistry

August 7-12, 2011; UBC, Vancouver, Canada. <http://icbic15.ubconferences.com/>

Sixteenth International Symposium On Silicon Chemistry (ISOS XVI)

August 14-18, 2011; McMaster University, Hamilton, Canada - <http://www.isos-xvi.org/>

Europacat X

August 28-September 2, 2011; Glasgow, United Kingdom <http://www.europacat.co.uk/>

International Symposium on Macrocyclic and Supramolecular Chemistry

Jan. 29-Feb. 2, 2012; Univ. of Otago, Dunedin, New Zealand - [www.otago.ac.nz/ismsc2012/](http://www.otago.ac.nz/ismsc2012/)

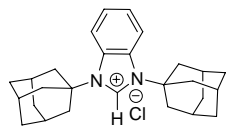
## 12. SYMPOSIUM TOPICS

The Division of Inorganic Chemistry (DIC) would like to solicit suggestions for symposia to be organized as part of the inorganic programming (INOR) at one of the 2013 national ACS meetings (see list of at the bottom of this page). If you would like to organize such a symposium, please submit a brief proposal to Jeffrey Long (email: [jrlong@berkeley.edu](mailto:jrlong@berkeley.edu)) at your earliest convenience, but prior to March 1, 2012. Your proposal, which is not to exceed two pages, should be organized as follows:

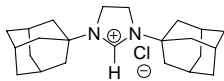
- 1) Organizers
- 2) Contact information
- 3) Symposium title
- 4) ACS meeting at which the symposium will be held
- 5) Names of potential speakers
- 6) Number of sessions and scheduling preferences
- 7) A budget request (\$)
- 8) Other potential sponsors
- 9) A statement confirming that the fund will be used to help defray the cost incurred by the speakers (registration and travel expenses)
- 10) A statement explaining how the symposium will impact inorganic chemistry and address the stated goals of inclusiveness and diversity



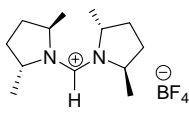
## N-Heterocyclic Carbenes



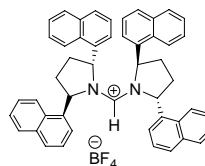
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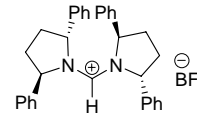
07-4007



07-4022

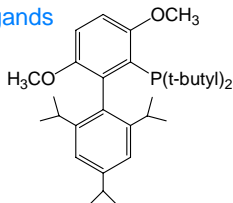


07-4030

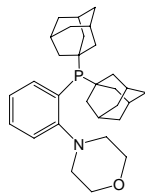


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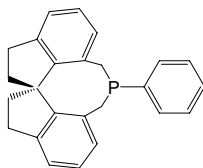
## Ligands



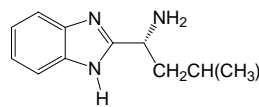
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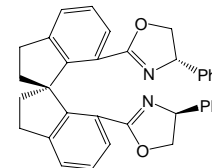
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15-5184

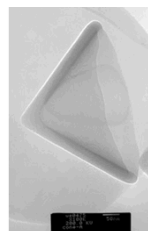


07-1242



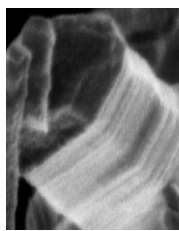
07-5194

## Nanoproducs

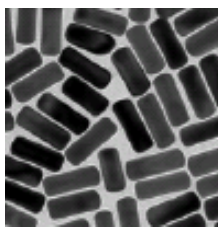


TEM bar 50nm

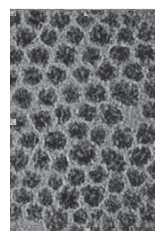
06-0725  
C-cones



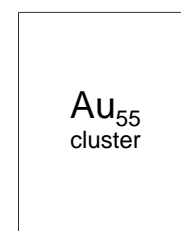
06-0170  
Nano C-fibers



79-6015  
Au-rods

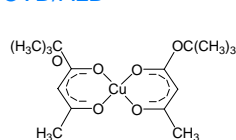


27-0026  
Co

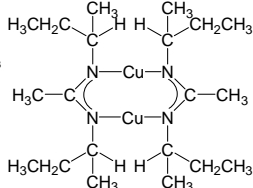


79-2030

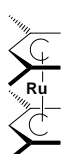
## CVD/ALD



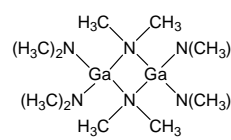
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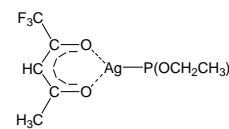
29-7100



44-0030



31-2030



47-3010

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