

# K & C Communiqué

Newsletter of the Knowledge & Community Sector of ASME

August 2006

The K & C Communiqué provides unit leaders with updates on current activities and important information items useful for unit operations. The K & C Board of Directors publishes this newsletter monthly. Please send your comments and article suggestions to [dichtb@asme.org](mailto:dichtb@asme.org).

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# A MESSAGE FROM THE MANAGING DIRECTOR

## Getting Ready for the New Program Year

*Burt Dicht*

It has been a busy summer as the Knowledge and Community Board of Directors and the Community Operating Boards prepare for this new program year. We trust that you've had a healthy and enjoyable summer and that you too are making plans and preparations for your unit activities for the coming year.

This issue of the Communiqué will differ slightly in that it will focus on informational and administrative items that can aid your planning. This includes new officer and contact information as well as program and filing requirements.

The Knowledge and Community Sector had an active year last year with fourteen technical conferences, more than seven hundred section programs, more than one hundred and fifty active Communities of Practice, twelve Student Leadership Seminars, twelve Student Conferences, a very successful Leadership Training Conference, three early career forums and hundreds of other programs offered by our student sections.

The dedication and hard work of thousands of volunteers in our divisions, sections, student sections and our affinity communities made all of this possible. As we move into the second year of operation, the Knowledge and Community Sector Board is committed to improving the operational resources available to you to help make this program year more successful than the last and to continue to enhance the value of being an ASME member.

Please continue to communicate your concerns, questions and suggestions. And good luck on a very productive and successful year.

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# A MESSAGE FROM THE VICE PRESIDENT OF TECHNICAL COMMUNITIES

## Challenges for the ASME Technical Communities

*Dan Segalman*

As incoming VP for Technical Communities, it is time for me to present some of the vision that I have developed over the past year for what must be the near term and long term future of the Technical Communities. Let me emphasize that I present what I see as a coherent picture for our future, but I am not so arrogant as to believe that it is not subject to critical review and to improvement through the comments of others. I would like to hear the comments of the Technical Group Leaders (TGLs) and the Technical Division Chairs (TDCs) - in particular I would like to hear their corrections and suggestions.

**The major challenges that I see for the Technical Communities are the following:**

1. Maintaining the health of the divisions with less staff support
2. Doing our work with respect to journals and conferences to maintain ASME's status as the premier mechanical engineering society in the world
3. Developing sufficient agility to claim ownership of new technical topics as they arise
4. Providing the additional support that local and student sections need to prosper.

I shall discuss these one at a time.

**Maintaining Health of Divisions:** This has always been a significant issue and it was being addressed in a general manner by the former Council on Engineering (COE) when Continuity & Change interrupted the process. The new world in which we find ourselves is one where the responsibilities placed on the divisions are increasing and the support that they receive from staff is decreasing. I shall say more about the new responsibilities further on. Though some people are now speaking about success only in financial terms, we must remember that other measures of success include the quality of our journals and conferences, the professional interaction and camaraderie we facilitate among our members, and the impact that we make on our intellectual communities. By all these measures, the most successful divisions are those that have vibrant technical committees, succession plans for their leadership that create

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deep benches of trained volunteers, and a strong sense of service to their constituencies. In order to achieve these conditions, I have arranged for the creation of a standing committee on Division Health and Training - similar to the COE Committee on Technical Planning - that will assure every division achieves these important features. I have appointed Rick Marboe, acting chair of the Environment and Transportation Technical Group, to chair this committee and he will recruit members from among group and division leadership. This committee will help each division evaluate its situation. One element of this is to make sure that each division has access to the financial, attendance, membership, and publication information necessary for good metrics of health. For divisions that show an indication of ill health, this committee will help the division leadership and the leaders of the groups to which they belong to develop recovery plans. Annual reports and strategic plans are important elements of this process, but a well articulated set of health criteria is just as important.

ASME is encouraging an entrepreneurial approach to embracing new technologies and opportunities. So we will be looking for ways to help divisions be successful in this. We have the opportunity at this level to make sure that all interested parties may be aware of how other divisions are taking advantage of these opportunities and to encourage collaboration.

**Journals and Conferences:** This is what divisions do well, but we need to ensure that our good practices continue in the new environment. The COE committees on publications and conferences have been moved out of Technical Communities and into the Programs and Activities Operating Board. That organization sees itself as being there to provide service. Our new chore is to help them configure themselves into a useful and efficient form and to use all the resources that they provide us. We are creating a standing committee on Conferences and Publications in Technical Communities to help build the working relationship between Technical Communities and Programs and Activities and to help resolve any issues as they arise.

ASME currently has a task force reviewing full cost accounting and revenue sharing with respect to journals and I expect this committee to participate in these discussions. I also hope that this committee will work on standardizing the formulae for revenue sharing with respect to conferences. The chair of this committee has not yet been appointed, and the Technical Communities Operating Board would be grateful for nominations of qualified candidates.

**Agility:** This is an area in which ASME has not shined. We must ask ourselves why the EEs have been able to claim robotics and much of MEMS when those topics more naturally live within the mechanical engineering world. I believe that the major problem has been that we are organized generally around disciplines rather than applications. This organization has worked well for us and we should continue it, but we do need to increase our visibility in application areas. For instance, we have about twelve divisions with significant activities in Nanotechnology but our presence in the Nanotechnology world is fragmented. We must create the mechanisms for us to achieve visibility in (especially hot) crosscutting topics without sacrificing the organic nature of our division structure.

I am currently negotiating with the Nanotechnology Institute to serve that function for us with respect to Nanotechnology. We in Technical Communities will form a Nanotechnology Council with representation from the executive committees of the divisions having major Nanotechnology activities. Our Nanotechnology Council will provide the major conduit for volunteer organizers to the Nanotechnology Institute and will provide a majority of the members of the advisory board of that institute. The Nanotechnology Institute will function as the virtual institute that it was planned to be, and it will serve as a forum for coordination of Nanotechnology activities among the divisions. Further, it will provide the divisions an opportunity to project a significant Nanotechnology presence to the technical world and introduce an additional avenue for interested people to become involved in division activities. We should consider creating more homes for collaboration among the divisions in other crosscutting technologies. More thoughts in the general area of agility would be welcome.

**Support of Sections:** The reorganization and re-budgeting processes have hit the Global Communities especially hard. Additionally, some of the student activities have been moved to the Centers sector, increasing the coordination challenges. There are problems facing the sections for which we can provide no help, but there are some problems where Technical Communities can be a large part of the solution. The two that I have in mind are providing volunteer technical speakers for local section meetings and providing technical volunteers to interact with student sections. In this second case, it would be optimal to have representatives from each of Global and Technical Communities participate in each student section visit. To achieve this we must create a database of technical committee members who are willing to serve in these capacities and we must find someone to take ownership of this activity.

These new duties will involve a small cultural change for the Technical Communities, but one for which I am sure our members will be enthusiastic.

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## **NEW KNOWLEDGE AND COMMUNITY OFFICERS NOMINATED AT THE SUMMER ANNUAL MEETING**

The Knowledge and Community Board of Directors (BoD) is pleased to announce that Richard T. Laudenat was selected as the Senior Vice President Nominee. Rich is a former Vice President of the Energy Conversion Group and former chair of the Nuclear Engineering Division.

The BoD is also pleased to announce that the ASME Nominating Committee has selected Lawrence A. Kielasa as the Vice President Nominee for Financial Operations and Justin Young as the Vice President Nominee for Affinity Communities. Larry is currently the Energy Conversion Group Leader and the former chair of the Power Division. Justin is currently the chair of the Silver State Section and the former chair of the Young Engineers Correspondents.

The BoD extends its congratulations to all three and looks forward to their participation and contributions to the K & C Sector. Rich, Larry and Justin will assume office in June at the Summer Annual Meeting.

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## **SECTION BEST PRACTICES NOW AVAILABLE ONLINE**

A cross-sector team of staff and volunteers, chartered under the auspices of the Strategic Issues, Opportunities & Knowledge (SIOK) Committee, has developed a web-based best practices resource for Sections. It provides sections with ideas from other sections on programs, marketing, section structure, and various areas in order to strengthen section operations. A format for the best practice information was developed, best practices were collected, and the initial website put into place. Intended to be a living website that is continually updated, each best practice contains relevant contact information and details that allow the effort to be duplicated or modified to meet the local section environment.

**The team has come up with the following 13 best practices on section activities:**

- Industry Breakfast Program
- Section Marketing
- Section Structure
- The Middle School Strawbridge Challenge
- Citrus Conference
- Engineer of the Year Award & Engineer's Night Dinner
- Professional Development
- Professional Development Courses
- Students Meet Industry Day
- Early Career Forum
- Town Hall Meetings
- Industry Advisory Council
- Student-In-Industry Day

These best practices can be found within the Leadership /Volunteer Resources page of the web under the section called, "Best Practices".

<http://www.asme.org/Governance/Volunteer/Practices/>

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## **PROGRAM FUNDING OPTIONS AND OTHER INFORMATION AVAILABLE ON THE VOLT ACADEMY'S LEADERSHIP RESOURCES WEB PAGE**

Check out the Leadership Resources web page on the Volunteer Orientation & Leadership Training (VOLT) Academy web site for a wide array of information about ASME - from history to diversity; guidance on where to go for what; and links to useful ASME websites. Recent postings to the web page include an "ASME Finances" document, with a discussion of program funding options, along with details of ASME's funding sources, our new financial model, and the roles of volunteer leaders in the financial planning process. More extensive information on [Program Funding Options](#) is available on the Program Funding Options web site: [http://www.asme.org/Governance/Volunteer/VOLTAcademy/Leadership\\_Resources.cfm](http://www.asme.org/Governance/Volunteer/VOLTAcademy/Leadership_Resources.cfm)

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### **VOLUNTEER CENTER**

The Volunteer Center (<http://www.asme.org/Governance/Volunteer/>) is a one-stop resource that provides direct links to many other program and informational pages that can assist you in the performance of your volunteer responsibilities. For example you can access:

- The Local Leadership Toolbox
- Program Funding Options
- Guidelines for Creating a Section Website on ASME.org
- ASME Section Newsletter Templates
- VOLT Academy Leadership Resources
- Volunteer Expense Forms
- Section Best Practices

Check out the center now. Please let us know suggestions for any additional resources you would like to see added.

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### **FOCUS ON ETHICS IN THE 21ST CENTURY**

#### **An Opportunity for ASME Members**

The ASME Council originally adopted the ASME Code of Ethics of Engineers in December 1913. The current format, Policy 15.7, was adopted in 1976 and has been revised and expanded as necessary to keep up with changes faced by engineers in our society. This code is emphasized through various activities such as our online "ASME Ethics Center," the self-study module on engineering ethics (available through the online Professional Practice Curriculum), our ASME liaison with the National Institute for Engineering Ethics (NIEE), our instructor-led seminars at ASME Section meetings and conferences, and the Community of Practice website on "Ethics & Licensing."

The Code itself is maintained in the 21st Century by the Committee on Ethical Standards & Review (CESR). The members of this committee also support the investigative phase of the review of alleged ethics violations. They receive training on the ASME policies for review of Ethical Conduct Violations (Policy 15.4) and Conflicts of Interest (Policy 15.8), as well as the Policy on Sexual Harassment (Policy 15.9). CESR members participate in workshops, seminars, and meetings at the International Mechanical Engineering Congress and Exposition (IMECE).

"The CESR serves under the direction of the Center for Professional Development, Practice and Ethics," explained Andrew Taylor, P.E., Chair of the CESR. "Our vision is to be recognized as one of the prime examples of proper and appropriate professional society ethics for the world. To fulfill this vision, we have assembled a group of members who have previously served as ASME vice president, on ASME boards, or on the ethics review boards of other associations. I am always looking for other ASME members who can contribute to the success of our ethics mission."

ASME is currently accepting nominations to fill a vacant position on the CESR. The requirements for membership include a minimum of ten years dedicated service to ASME including five years experience in activities beyond the local section, a commitment to upholding ethics in engineering practice, and licensure as a professional engineer. The term for this position begins in July 2007 and continues through the end of June 2011. Please forward nominations to David Soukup, P.E., Managing Director, ASME Centers at [soukupd@asme.org](mailto:soukupd@asme.org) or at 212-591-7397.

## **ECLIPSE KICKOFF A GREAT SUCCESS!**

The initial meeting of ECLIPSE (Early Career Leadership Internship Program to Serve Engineering) was held at the 2006 Summer Annual Meeting, with ASME's top leadership attending and participating in discussions with current ECLIPSE and former Leadership Development Intern (LDI) and Minority Leadership Program (MLP) interns and mentors. The meeting was followed by a festive wine reception hosted by Mark and Catherine Lengsfeld.

We have created a booklet summarizing current contact information for all former interns, along with brief summaries of what they have been doing since their internship experience. The booklet will soon be posted in PDF form on the ECLIPSE web site and is a great way to reach out to an import group of ASME members. The LDI Village CoP is also being revamped for use by all interested in supporting the ECLIPSE program.

[http://www.asme.org/Governance/Volunteer/VOLTAcademy/Early\\_Career\\_Leadership.cfm](http://www.asme.org/Governance/Volunteer/VOLTAcademy/Early_Career_Leadership.cfm)

## **NEW SECTION MERIT FUNDING PROGRAM**

### **Section Activities Best Practices Collection**

At the recently held Summer Annual Meeting, the Knowledge and Community Sector Board of Directors approved the Section Merit Funding Program as recommended by the Merit Funding Project Team. The Board of Governors has also approved funding for this program.

The Merit Funding Program replaces the section appropriation based upon the total number of section members. The intent of this is to tie unit funding to activities and programs that add value to the membership and award funding based on achieving a prescribed set of criteria.

This program will take effect for the FY07 program year, which started on July 1, and is based on unit activities during the FY06 program year (July 1, 05 to June 30, 06).

The form you need to file is now located on the Local Leadership Toolbox at <http://districts.asme.org/leadershiptoolbox/> under "Section Merit Funding Program Form."

In order to receive funding you must file the following forms:

- Unit Budget & Financial Reports (no later than Oct 1)
- After Activity Reports (no later than Oct 1)
- Merit Funding Form (no later than Oct 1)

All of the forms can be accessed on the Local Leadership Toolbox

<http://districts.asme.org/leadershiptoolbox/>

A copy of Section Merit Funding Program Information Webcast presentation can be found at:

[http://www.asme.org/Governance/KnowledgeCommunity/Updates\\_Messages.cfm](http://www.asme.org/Governance/KnowledgeCommunity/Updates_Messages.cfm), under "Resources and Presentations"

For further information or questions please contact Burt Dicht at [dichtb@asme.org](mailto:dichtb@asme.org).

## OFFICER CODING FOR 2006 - 2007

**W**e're still in the process of collecting current officer information. Having a current listing of officers on record with ASME is critical for receiving important information related to ASME resources, programs and upcoming events. It also enables Society officers and all volunteer unit leaders to remain in contact for the purposes of fact finding and to discuss collaborative programs. Please take the time to notify ASME Unit Support with your officers for 2006 - 2007. Details for Student Sections, Sections and Divisions are listed below.

### STUDENT SECTIONS

Your Student Officer listing can be submitted on line at: <https://secure.asme.org/stusecinfo/NewStuSecInfo.cfm>

To submit a hard copy of your officer listing, PDF copies of the form are available at our website: <http://districts.asme.org/leadershiptoolbox/#1> under Student Section Forms, along with an excel version of the file which can be emailed to [unitsupport@asme.org](mailto:unitsupport@asme.org) or [albertj@asme.org](mailto:albertj@asme.org).

Please note that if you do not have member numbers you should still fill out the form and submit it to Unit Support.

### SECTIONS

Section chairs have the option of directly entering officers online using the access to the online roster. If you have any questions on how to do this contact Jessica Albert at [albertj@asme.org](mailto:albertj@asme.org).

You can also submit a hardcopy of your officer listing. The forms are available on the Local Leadership Toolbox at: <http://districts.asme.org/leadershiptoolbox/> under "**Section Officers & Committees Information Form**"

### TECHNICAL DIVISIONS

Please submit a listing of next year's officers in an e-mail message. Include the full name and position for each officer.

For Divisions in the Energy Resources, Energy Conversion, Environment and Transportation, Basic Engineering, Engineering and Technology Management and Pressure Technology Groups send your officer listings to:

Jacinta McComie at [Mccomiej@asme.org](mailto:Mccomiej@asme.org)

For Divisions in the Manufacturing and Systems and Design Groups send your officer listings to:

Lashion Pettiford at [Pettifordl@asme.org](mailto:Pettifordl@asme.org)

## LEADERSHIP TRAINING CONFERENCE - MARK THE DATES

The Leadership Training Conference (LTC) has been scheduled for March 2 to 4, 2007 at the Wyndham Greenspoint Hotel in Houston, Texas.

The primary purpose of the LTC is to provide unit leaders with a comprehensive view of the Society's organization, activities and resources to help them succeed in leading their ASME units. One volunteer from each section and division will be funded to attend the LTC. Please put this on your long-range calendar. Your section will be notified this fall with more details. To find out more information about the LTC 06 go to:

<http://www.asmeconferences.org/ltc06/index.cfm>

## CONTACT INFORMATION

### Knowledge and Community Board of Directors

**Wade Troxell**, Senior Vice President

troxellw@asme.org

**Burt Dicht**, Managing Director

dichtb@asme.org

The Knowledge and Community homepage is located at:

<http://www.asme.org/Governance/KnowledgeCommunity>

**S. Dyer Harris**, Vice President, Affinity Communities

sdharris@dca.net

**Doug Brown**, Vice President, Global Communities

brownd919@asme.org

**Dan Segalman**, Vice President-Elect, Technical Communities

segalmand@asme.org

**Richard Jacobsen**, Vice President, Financial Operations

rtj@if.uidaho.edu

**John Wesner**, Vice President-Elect, Programs & Activities

wesnerj@asme.org

jwesner@andrew.cmu.edu

**Tim Hinerman**, Acting Chair, Information and Communication

hinermant2@asme.org

**Hank Cook**, Chair, Representation and Governance

hcook@technologydevcorp.com

### District Leaders

#### District A

**Karen Ohland**, District Leader

ohlandk@asme.org

<http://districts.asme.org/DistrictA/index.htm>

#### District B

**Leonard Anderson**, District Leader

andersonL@asme.org

<http://districts.asme.org/DistrictB/index.htm>

#### District C

**Kambiz Farhang**, District Leader

farhangk@asme.org

<http://districts.asme.org/DistrictC/index.htm>

#### District D

**Bill Robbins**, District Leader

robbinsw1@asme.org

<http://districts.asme.org/DistrictD/index.htm>

#### District E

**John Hawkins**, District Leader

jhawkins@gtexhaustsystems.com

<http://districts.asme.org/DistrictE/index.htm>

#### District F

**Richard Bunce**, District Leader

buncer@asme.org

<http://districts.asme.org/DistrictF/index.htm>

#### District G

**Kok-Chuan Toh**, District Leader

mkctoh@ntu.edu.sg

mkctoh@msn.com

<http://districts.asme.org/DistrictG/index.htm>

#### District H

**Flavio Franco**, District Leader

flavio.franco@power.alstom.com

<http://districts.asme.org/DistrictH/index.htm>

#### District I

**Carlos Lasarte**, District Leader

lasartec1@asme.org

<http://districts.asme.org/DistrictI/index.htm>

#### District J

**Hasan Sabri**, District Leader

hasan.sabri@aramco.com

<http://districts.asme.org/DistrictJ/index.htm>

## TECHNICAL GROUP LEADERS

### Basic Engineering Group

**Richard O. Buckius**, Group Leader

rbuckius@nsf.gov

<http://groups.asme.org/betg/>

### Energy Conversion Group

**Lawrence A. Kielasa**, Group Leader

marianne25@comcast.net

<http://groups.asme.org/ecg/>

### Energy Resources Group

**Roy E. Hogan**, Group Leader

rehogan@sandia.gov

<http://groups.asme.org/energyresources/>

### Engineering and Technology Management Group

**John Bozewicz**, Group Leader

bozewiczj@asme.org

<http://groups.asme.org/etmg/>

### Environmental and Transportation Group

**Richard Marboe**, Group Leader (Acting)

marboer2@asme.org

<http://groups.asme.org/etg/>

### Manufacturing Group

**Kamlakar P. Rajurkar**, Group Leader

krajurkar1@unl.edu

<http://groups.asme.org/manufacturing/>

### Pressure Technology Group

**William J. Bees**, Group Leader

beesw@asme.org

<http://groups.asme.org/pressuretechnology/>

### Systems and Design Group

**Ken Waldron**, Group Leader

kwaldron@stanford.edu

<http://groups.asme.org/systemsdesign/>

### Board on Research and Technology Development

**Said Jahanmir**, Chair

sjahanmir@mitiheart.com

<http://crted.asme.org/>

## WHERE TO GET STAFF ASSISTANCE

### If you need help with:

- Program planning and development
- Policy Issues
- Financial Issues

### Contact:

**Burt Dicht** (Sections and Districts)

Tel: 212-591-7074, Email: [dichtb@asme.org](mailto:dichtb@asme.org)

**John Bendo**, Senior Manager

Energy Resources and Energy Conversion Groups

Tel: 212-591-7055, Email: [Bendoj@asme.org](mailto:Bendoj@asme.org)

**Elio Manes**, Senior Manager

Environment and Transportation Group

Tel: 212-591-7797, Email: [Manese@asme.org](mailto:Manese@asme.org)

**Noha El-Ghobashy**, Senior Manager

Manufacturing and Systems and Design Group

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**Richard Ulvila**, Manager

Basic Engineering, Engineering and Technology Management and Pressure Technology Groups

Tel: 212-591-7863, Email: [Ulvilar@asme.org](mailto:Ulvilar@asme.org)

**Michael Tinkleman**, Director

Center for Research and Technology Development

Tel: 202-785-7394, Email: [Tinklemanm@asme.org](mailto:Tinklemanm@asme.org)

**Norma Johnston**, Business Manager

Tel: 202-785-7395, Email: [JohnstonN@asme.org](mailto:JohnstonN@asme.org)

### If you need help with:

- Section Appropriations (status and disbursements)
- Section Roster Access and Officer Coding
- Unit e-mail list-server
- Supplies

### Contact Unit Support:

**Jessica Albert**

Tel: 212-591-7911, 212-591-7437

Email: [albertj@asme.org](mailto:albertj@asme.org), [unitsupport@asme.org](mailto:unitsupport@asme.org)

### Additional Unit Support Staff

**Deidra Hackley** (CoPs and other admin)

Tel: 212-591-7852, Email: [hackleyd@asme.org](mailto:hackleyd@asme.org)

**Jacinta McComie** (Technical Divisions)

Tel: 212-591-7052, Email: [Mccomiej@asme.org](mailto:Mccomiej@asme.org)

**Lashion Pettiford** (Technical Divisions and other admin)

Tel: 212-591-7387, Email: [Pettifordl@asme.org](mailto:Pettifordl@asme.org)

**Charlene Trotman** (Student Sections and training)

Tel: 212-591-7006, Email: [trotmanc@asme.org](mailto:trotmanc@asme.org)

### If you need help with:

- Membership Information/Renewal
- Address/Contact Information Changes
- Product Ordering Information
- Conference/Event Information and Registration

### Contact Information Central at:

800-843-2763 (800-The-ASME)

001-800-843-2763 (Mexico)

973-882-1170 (outside North America)

Fax: 973-882-1717, Email: [infocentral@asme.org](mailto:infocentral@asme.org)