

STUDENT SECTIONS COMMITTEE
International Mechanical Engineering Conference and Exposition 2006
Chicago, IL
November 5-6, 2006

Sunday, November 5, 2006

CALL TO ORDER

Meeting was called to order by the Chair, Mohammad Mahinfalah. Attendees introduced themselves. List of all present is included as Attachment "A".

AGENDA REVIEW

The Committee voted to adopt the agenda.

APPROVAL OF MINUTES SAM 2006

The Congress 2006 minutes were approved.

ELECTION OF SECRETARY

The Committee elected Lesley L. Blumberg, Student Representative District A, as Secretary for IMECE 2006.

MOTION FOR FREE MEMBERSHIP FOR FIRST YEAR GRADUATE STUDENTS

Motion by Deben Das to cover the first year membership fee for graduate student members of ASME, so that they may take part in SPDC.

- Mustapha Fofana proposed supporting graduate students with their masters program.
- Sai Sanka proposed allowing graduate students to make a presentation of their masters' thesis at SPDC.
- Second by Michela Moreland.
- No opposition.
- Motion passed.

MOTION TO ALLOW THE SCHOLS WHO ARE UNABLE TO ATTEND THE SPRING SPDC TO HAVE AN ABSENTEE BALLOT

Motion that the absentee voting right should be flexible and left to the district leaders to make appropriate actions to allow universities unable to attend the SPDC to cast absentee ballots in choosing SSC Representative.

- Dennis Armstrong reiterated that any student section could attend any SPDC.
- Keith Matthews proposed updating the website in order to allow easier access to students, so that they may determine the locations of these conferences.
- Second by Keith Matthews.
- No opposition.
- Motion passed.

EARLY CAREER FORUM

Dan Hanna presented the Apprentice Competition held at Drexel University. This competition lasted a total of three hours for all teams of students. Their goal was to design the rail car seat of the future for the business traveler. They conducted market

research, networked with professionals at lunch, and presented to engineers. The purpose of the forum is to educate the Mechanical Engineering students and professionals. It may help students determine their career path. Seventeen professionals and sixty-three students attended the forum. Speakers volunteered their time and five schools were represented. The first year only fifty people attended, while there were eighty the second.

CECD REPRESENTATIVE ELECTION - STUDENT SECTION COMMITTEE

Mandy Brodgon described her position and what would be expected of the student who follows her.

REPORT ON STUDENT STAKEHOLDERS MEETING - STUDENT DEVELOPMENT COMMITTEE

Candice Bauer, Dan Nathan-Roberts, Jessica Sampson, Brian Gin, Eduardo Barrientos

District Student Operating Board presented by Dan Nathan-Roberts

Bridge the gap between national and school ASME responsibilities.

- District wide contest.
- Send out newsletter to district schools.
- Co-chair that will attend both conferences and collaborate.

WIKI: Communication through the Internet presented by Dan Nathan-Roberts

- A WIKI is a website that can be changed by anyone who uses it.
- Use to schedule events at a conference. Anyone can share information they are interested.
- Purpose is to hold an "unconference" during SPDC.

Results of Student Stakeholders Meeting

- Millennial Generation
- Marketing Strategies for the Student Conferences
 - More personal contact
- Alternative Conferences
 - Best practices – Industrial/Student Conference. What do you do everyday? Opportunities for advancement.
 - Business skills class – How to keep a job and determine if you want a specific job.
 - Business skills – How to look at a product – life cycle, marketing, design feasibility, production value (not just technical).
- Recent Graduates
 - ASME can enhance skills and career
 - How ASME helps you market your skills.
 - Market the parents with ASME.
 - Define your career – rotational programs across industries.
 - ASME set up relocation assistance.
 - ECLIPSE Internships for Grad Students.
- International Students
 - Create International Tool books in all languages.
 - Integration between student sections.

DISCUSSION ON PLANS OF ACTIVITIES FOR SSAs

Postponed until 11:00 on Monday, November 6, 2006.

STUDENT SECTION COMMITTEE DISTRICT REPRESENTATIVE REPORTS

District I presented by Eduardo Barrientos
District A South presented by Drew McFadden
District D South presented by Keith Matthews

SERVICE LEARNING GRANTS PROPOSAL

George Doyle, District B, re-proposed that ASME have a service-donating grant. This grant would support engineers in traveling to communities to provide service using their engineering skills. Allow students to learn and experience by applying their studies to real world engineering tasks. Maximum of \$25,000/year. Example: Waste Water Systems. Students apply through a form that will have changes made to it by an affinity group formed by K & C to make decisions about the applications.

- Second by Lorenzo Amos.
- No opposition.
- Motion passed.

OLD GUARD TECHNICAL WEB PAGE COMPETITION PROPOSAL

George Doyle, District B, proposed to allow flash drives for the Webpage Competition and change the size limits (MB). Also allow programs that were originally banned from the competitions to be used.

George Doyle, District B; Yury Pensky, District F; Tom Wenning, District B volunteered to help with proposal during lunch today.

STUDENT SECTION COMMITTEE REPRESENTATIVE REPORTS

District B presented by Tom Wenning

BRAINSTORMING FOR SSC, SSA, STUDENT SECTIONS

Jeff Becker, District C volunteered to take notes on the easel.

- Create a Best Practices document on how to run a student section. (9)
- Modify rules for Ingersoll-Rand for International Students. (7)
- Make Ingersoll-Rand more user-friendly online. Supplement form online. (2)
- Mentoring program that achieves Ingersoll-Rand points or some acknowledgement or monetary prize. (4)
- Mentoring from Industry to college students. (9)
- Recognize student sections in some other way besides Ingersoll-Rand. (7)
- Create framework for information given out by New York Office – Judy Cobb. (3)
- Restructure ASME and determine means for continuous section cultivation through retention as freshmen in ASME. (5)
- Best practices for SLS and SPDC. (6)
- Outreach program for youth interested in ASME. (10)
- Formulate different ways to market SPDC to students (Facebook and Myspace). (7)
- Help to increase numbers internationally. (10)
- Certificate for students who attend SLS because they are being trained. (7)
- Competition from other student professional societies. Possible interactions with these groups. (8)
- Banning acronyms. (8)

LUNCH

SELECTION PROCESS FOR DISTRICT STUDENT REPRESENTATIVES

George Doyle proposed three alternatives. Motion to use Alternative I with an absentee ballot was passed. Students elect SSC Representative in the Districts based on your area. Northern applicants are voted on by North conference attendees by a majority vote. Southern applicants are voted on by South conference attendees by a majority vote. Absentee ballots are cast based on your area only. The District Leader will then decide between the top two (one from each conference).

Applications are due four weeks before the conference and students are expected to give an oral presentation at their area conference when they run. Attach a one-page resume to your application. If there are no applicants, the District Leader will appoint a representative.

- Second by Dan Hanna.
- No opposition.
- Motion passed.

SELECTION PROCESS FOR MEMBERS AT LARGE

Members at Large have the same responsibilities as the SSCs and could sit on a committee. Four members at large will be selected for next year. May be looking for people with an expertise in a certain area. Any student or early career engineers may apply. One elected, they must attend two meetings; SAM and IMECE. Election process: send in application and resume to SSC Staff by the week after the last conference or District Leaders may nominate.

Amendment to By-Laws to

Change the age limit

Election of SSC Representative

Send resume to SSC Staff

Staff sends resume and application to SSC members

SSC vote by email this S/B in selection process

Candidates can be nominated or apply

Applications and nominations must be submitted no later than May 1st

SSC members must act quickly and vote in one week

You must pick the top four candidates

The chair of SSC will facilitate the voting

Incase of a tie, the SSC will go back and vote on final two candidates with a tie vote

Notify members at large

A motion to approve members at large was appointed and motion to pass

Brainstorming ideas started and then we moved election of CECD representative to SSC

– need at least two candidates

COMMITTEE ON EARLY CAREER DEVELOPMENT

Eduardo Barrientos nominated by Dan Hanna. Accepted by Eduardo. Seconded by many.

Lorenzo Amos nominated by Yury Pensky. Accepted by Lorenzo. Seconded by many.

Tom Wenning nominated by Yury Pensky. Accepted by Tom. Seconded by many.

Each nominee spoke about what they would do as CECD Representative.
Nominators spoke about why they nominated the people they did.
The committee chose Eduardo and Lorenzo.

Outreach program for youth interested in ASME

- Student sections go to high schools to describe engineering through videos and projects to show them real engineering and not just math. – Eduardo Barrientos, Venezuela, District I
- Middle through high school students are taught a subject in the classroom and ASME comes in to do a project that explains the concept. – Yury Pensky, University of Florida
- Middle and high school science teachers have materials to teach about engineering. – Beth Todd, District F
- Students in junior high want to become engineers, but don't like English. Come in to explain that you need English to become an engineer. – Todd Nietschmann, District E
- Pre-engineering prep. is a summer program to prepare you for engineering field while you're in middle school. – Lorenzo Amos, District E
- Diversity Action Grant can be used to make presentations to students. – Lorenzo Amos, District E
- Use real projects and bring them to middle schools to get students excited about engineering. – Keith Matthews, District D
- NASA activity book – Keith Matthews, District D
- Video online that could be used to present information we need to get out to the students. – Todd Nietschmann, District E
- Similar to "World in Motion" by SAE (1, 2, 3). They provide boxes with kits to use in classrooms. – George Doyle, District B

International Outreach

- Involve countries beyond what we currently have involved. – Jeff Becker, District C
- Promote events ASME is already holding. - Eduardo Barrientos, Venezuela, District I
- Increase the number of members internationally. - Eduardo Barrientos, Venezuela, District I
- Can sections in the US adopt a foreign section that can become their sister organization to work together and help them start their section. – Deben Das, District D
- Promote Young Engineers Forums in other countries. - Eduardo Barrientos, Venezuela, District I
- Meeting faculty through conferences. – Koray Safak, District H
- Promote using the COP. – Lorenzo Amos, District E
- Foreign nationals need to learn English through teams at English speaking universities. – Mustapha Fofana, District A
- Create a situation in which ASME student members can go to another university to study there for a semester and transfer their credits back to their home university. - Deben Das, District D
- Invited Advisors and Professors that are presenting in the technical sections to a meeting to explain to them what type of involvement they could bring back to their universities about starting or helping with Student Sections. Give an incentive to professors who attend and help. – Yury Pensky, District F
- Training Student Chairs. – Burt Dicht
- Membership costs are an issue. – Burt Dicht
- New student conference in District G that will be done in Australia. Schedules in Southern Hemisphere are not aligned with ours. – Burt Dicht

Motion by Lorenzo to email student sections to adopt foreign sections through mentoring. Include Ramin in that email. (raminws43@hotmail.com)

- Second by Eduardo Barrientos.
- Motion passed.
- Talk to ABET to include international experience in order to graduate. Ask Tom Perry. – Mustapha Fofana, District A
- Toolbox in both English and Spanish. – Eduardo Barrientos, District I, Venezuela

Bring one item per week on COP to discuss.

Senior Section Involvement

- Presentations, Competitions, Banquets, and Awards with Senior Section in your area.

What can be in place of Ingersoll-Rand contest?

- Student Section awards at their awards banquet.
- Presentations, Competitions, Banquets, and Awards with Senior Section in your area.
- Use a sponsor to promote activities in Student Sections.

Banning Acronyms

- Provide a library document with acronyms all spelled out. – Keith Matthews will head up.

Interaction with ASME and other professional societies

- SAE connections
- Competition within/between IEEE, ASME, and SWE about Fundamentals of Engineering exam to cover many areas within engineering. – Lorenzo Amos, District E
- Engineering week with competitions. – Tom Wenning, District B

STUDENT SECTION COMMITTEE DISTRICT REPRESENTATIVE REPORTS

District C presented by Jeff Becker

CLOSING

Mohammad Mahinfalah adjourned the general meeting at 5:30.

Members Present: Sunday, November 5, 2006

<u>NAME</u>	<u>REGION</u>
Mohammed Mahinfalah	CHMN
Charlene Trotman	Staff
Mustapha Fofana	A-S
Lesley Blumberg	A-St
Sai Sankar	A-St
Dan Hanna	A-St
George Doyle	B-S
Tom Wenning	B-St
Gordon Pennock	C-S
Jeff Becker	C-St
Fereidoon Delfanian	C-S
Michael Haeg	C-St
Debendra Das	D-S
Michela Moreland	D-St
Keith Matthews	D-St
Abel Hernandez	E-S
Lorenzo Amos	E-St
Troy Nietschmann	E-St
Beth Todd	F-S
Yury Pensky	F-St
Koray Safak	H-S
Eduardo Barrientos	I-St

Visitors

Frank Barmes	Secretary, Drexel University
Bill Robbins	District D Leader
Joseph Kain	Executive Board Member - Drexel University
Matt Sera	Executive Board Member - Drexel University
Steven Wilrigs	Vice Chair - Drexel University
Drew McFadden	Treasurer - Drexel University
Andrew Moran	Executive Board Member - Drexel University
John Borgmann	Executive Board Member - Drexel University
Kathryn Barrett	Executive Board Member - Drexel University
Angel Feng	Executive Board Member - Drexel University
David Rose	Executive Board Member - Drexel University
Anthony Fusone	Member at Large – Drexel University
Gary Rarykin	SSA – University of Windsor
Len Anderson	Leader – District B
Frank DiMento	Executive Board Member - Drexel University
Serada Andoun	Exec. Board Member - Drexel University / CECD
Jessica Sampson	CSD / Member at Large
Candice Bauer	CSD - Chair
Dan Nathan-Roberts	LSD
Brian Gin	CSD
Kalan Guiley	LSD / CECD
Gary Poulin	Member
Bob Jeffers	Member
Gustavo Meza	CSD – ASME Venezuela

Bill Coleman
Ramin Sadeghian

Old Guard
CSD – International Leader

**Student Sections Committee
2006 ASME Winter Annual Meeting
Chicago, Illinois
November 5-6, 2006**

Monday, November 6, 2006

CALL TO ORDER

Meeting was called to order by Mohammed Mahinfalah.
Motion to approve the minutes by Tom Wenning.
Second by Keith Matthews.

STUDENT SECTION COMMITTEE DISTRICT REPRESENTATIVE REPORTS

District D presented by Michela Moreland
District F presented by Yury Pensky

WISE SPEAKER

Melissa Carl presented information about the summer program located in Washington, D.C.

ELECTION OF FOUR HOLDOVER STUDENT MEMBERS

Four students will attend SAM in Toronto, Ontario this summer.
George Doyle nominated **Tom Wenning**.
Tom Wenning nominated **Eduardo Barrientos**.
Keith Matthews volunteered.
Beth Todd nominated **Yury Pensky**.
Mohammad Mahinfalah nominated **Lesley Blumberg**.
Yury Pensky nominated Michela Moreland.
Michela declined.

Everyone was allowed to vote four times after each student gave a speech.
Mohammad Mahinfalah and Deben Das counted the votes.

Students that will attend include: Tom, Eduardo, Keith, and Lesley.

ELECTION OF VICE-CHAIR FOR SAM 2007

Responsibility is to run a section of the meeting at SAM for SSC.
Keith Matthews nominated **Eduardo Barrientos**.
Eduardo Barrientos nominated **Keith Matthews**.
George Doyle nominated **Tom Wenning**.
Dan Hanna nominated **Lesley Blumberg**.
Motion to close nominations. No opposition.
Each nominee spoke about his or her qualifications.
Open the floor to discussion about nominees.
Lesley Blumberg was elected.

VICE CHAIR DOE CONGRESS 2006 TAKES OVER GAVEL

Mohammad Mahinfalah passed the gavel to Lorenzo Amos.

ELECTION OF NEW SSC CHAIR

Mohammad Mahinfalah described the position.

Deben Das nominated **George Doyle**.
Second by Michela Moreland.
Dan Hanna nominated **Abel Hernandez**.
Second by Keith Matthews.
Beth nominated Deben Das.
Deben declined.
Lesley Blumberg nominated **Mustapha Fofana**.
Second by Yury Pensky.

Run summer and winter conferences.
Motion to close nominations.
No opposition.
Each nominee spoke about their qualifications and plans as chair.
Open the floor to discussion about nominees.
Abel Hernandez was elected.

DISCUSSION ON PLANS OF ACTIVITIES FOR SSA'S TOM PERRY, DIRECTOR EDUCATION AND PROFESSIONAL DEVELOPMENT

There are 245 Mechanical Engineering Departments in the domestic US. Approximately 150 of those depts. are represented at conferences that are held. The objective is to determine how to increase interest of the department heads and advisors to attend the conferences. What value does the student section provide to that department? Mechanical Advantage and ME Today are the magazines used to make the connections between ASME and the members. Look into sending all information out to members, instead of limiting the contents. Find people to build a society wide community of dept heads and SSAs. Use techniques to include the large group of people that have and will respond, based on the core group who has replied. Ultimate goal is to make a task force with members from a variety of areas.

Plan to ask the department heads:

1. Do you think your SSA is excellent?
2. Does your SSA interact with the student section?

Task Force Goals

- Examine the role of ASME in the ME/MET Dept. and in the college of engineering
- Determine best practices of other societies that perform well
- Determine best practices of the depts. that support the student section and SSA
- Determine best practices of industry support of ASME

STUDENT SECTION COMMITTEE DISTRICT REPRESENTATIVE REPORTS

District A presented by Lesley Blumberg

District E presented by Lorenzo Amos

**SETTING OF NEXT MEETING (SAM 2007) JUNE 9-14, TORONTO, ONTARIO,
CANADA**

ADJOURN

Lorenzo Amos adjourned the general meeting at 12:30.

Members Present: Monday, November 6, 2006

<u>NAME</u>	<u>REGION</u>
Mohammed Mahinfalah	CHMN
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Mustapha Fofana	A-S
Lesley Blumberg	A-St
Dan Hanna	A-St
George Doyle	B-S
Tom Wenning	B-St
Debendra Das	D-S
Michela Moreland	D-St
Keith Matthews	D-St
Abel Hernandez	E-S
Lorenzo Amos	E-St
Troy Nietschmann	E-St
Beth Todd	F-S
Yury Pensky	F-St
Koray Safak	H-S
Eduardo Barrientos	I-St

Visitors

Frank Barmes	Secretary, Drexel University
Jessica Sampson	CSD / Member at Large
Gustavo Meza	CSD – ASME Venezuela
Ramin Sadeghian	CSD – International Leader
Jose Manuel Luna	Grad Student / Member
Israel Botello	Student Member
Dinesh Immaneri	Grad Student / Prospective ASME Member
Seshadhar Alvri	Member – University of Arkansas, Fayetteville
Aaron Ryan	CECD, K&C Programs & Activities Board
Melissa Carl	ASME Government Relations Staff
Lee Hawkins	Client Relations Director – Dallas, Texas