

Minutes of the
University Materials Council Spring meeting

May 5/6, 2005
Washington, DC

The meeting was called to order by UMC Chair Alan Cramb. Charles Hayes, Executive Director of ASM gave a presentation about ASM-supported Materials Camps. His presentation will be posted on the UMC web site. Also, members are encouraged to directly contact him at crhayes@asminternational.org to receive a copy of the CD presentation about Materials Camps, which contains much more information than in his ppt presentation.

Nominating Committee

The Nomination Committee of Mufit Akinc (chair), Peter Davies and Alex King nominated the following for office

Alex King (2nd Vice President) 2005-2006

Ian Robertson (Executive Committee member) 2005-2007

There were no nominations from the floor and both were unanimously elected to office.

Greg Rohrer was nominated to serve out the term of Alan Cramb on Executive Committee. Alan would have served as Past-Chair of UMC and member of the UMC Executive Committee but because he will become Dean of Engineering at RPI, he asked to step down. Greg Rohrer was approved by voice vote of the Council.

Fall meeting

After discussing the pros and cons of holding the fall meeting at either the MRS or MS&T meeting sites, it was decided that Council members would be equally able to attend a UMC meeting scheduled at either meeting. Because UMC is represented on the Education Committee of TMS by five members, it was decided by 2005 UMC Chair Messing to have the fall meeting in Pittsburgh during the MS&T meeting. The meeting is scheduled for **Monday, Sept 26, 2005** and it is planned to be held on the CMU campus. The exact details about the meeting location will be communicated later this summer.

UMC Web site

There was a lengthy discussion about the UMC web site, which is presently maintained on the TMS web site at a cost \$2,000 per year. It was decided to have the Executive Committee review this issue and decide how to have the site maintained.

Transfer of Graduate Students between Schools

Members voiced a concern that graduate students were often transferring to other schools before finishing a graduate degree (i.e., shortly after beginning graduate school). Some schools had unofficial policies discouraging this type of transfer. It was decided to

have a friendly agreement amongst UMC members to discourage transfers early in a student's graduate studies.

Annual Junior/Senior Graduate Recruitment list

Mark Cooper at Ohio State informed UMC that he did not want to continue collecting this list for UMC. No Council member offered to assume this task. After a lengthy discussion about who uses the list for graduate recruiting, it was decided (1) the survey data was not needed and (2) to provide better data about graduate school opportunities to undergraduates via the UMC web site and/or through the Materials Advantage student chapters.

Four groups met to write and/or discuss

- 1) A one page description of Materials Science and Engineering
- 2) Developing a Strategy for UMC to become *the* voice for UG and Grad Materials Education
- 3) UMC definition of Design
- 4) The Core Subjects of Materials Engineering

These reports from each group are appended as presented at the meeting.

Action items for Executive Committee

- 1) Determine future website host
- 2) Decide conditions for posting survey information on the UMC website
- 3) Announce times and places for fall and spring UMC meetings

Executive Committee (2005-2006)

Chair – Gary L. Messing

Vice-Chair – Mufit Akinc

2nd Vice-Chair – Alex King

Committee – Peter Davies

Committee member – Ian Robertson

Past-chair – Greg Rohrer

Attendance at the May 5, 2005 UMC meeting:

Alan Cramb	Carnegie Mellon	
Gary Messing	Penn State	messing@matse.psu.edu
Ray Buchanan	Tennessee	rab1@utk.edu
Hani Henein	Alberta	Hani.henein@ualberta.ca
Peter Davies	Penn	Davies@lrsm.upenn.edu
Richard Brow	Missouri-Roll	brow@umr.edu
Martin Hawley	Michigan State	hawley@egr.msu.edu
Mufit Akinc	Iowa State	makinc@iastate.edu
Alex King	Purdue	Alexking@ecn.purdue.edu
Kevin Jones	Florida	kjones@eng.ufl.edu
Amy Moll	Boise State	AMoll@boisestate.edu
Greg Rohrer	Carnegie Mellon	gr20@andrew.cmu.edu
David Duquette	RPI	duqued@rpi.edu
Hugo Lopez	Wisconsin-Milwaukee	hlopez@uwm.edu
Mark Goorsky	UCLA	goorsky@seas.ucla.edu
David Clark	Virginia Tech	dclark@vt.edu
Robert Cammarata	Johns Hopkins	rcc@jhu.edu ,
Ian Robertson	UIUC	ianr@uiuc.edu
John Morral	OSU	morral.4@osu.edu
Jim Wittig	Vanderbilt	j.wittig@vanderbilt.edu
Bob Snyder	Georgia Tech	bob.snyder@mse.gatech.edu
Surya Kalidindi	Drexel	azavalia@coe.drexel.edu
John Halloran	Michigan	peterjon@umich.edu
Raj Bordia	Washington	bordia@u.washington.edu
Slade Cargill	Lehigh	gsc3@lehigh.edu

UMC Meeting

May 5 and 6

Washington, DC

Agenda

May 5

12 – 5:00 pm

- 1. Discussion with ASM** **Jim Williams**
- 2. UMC Survey Update** **Robert Snyder**
- 3. Discussion of “The Voice of Materials”**
- 4. Break up into groups to discuss Tasks #1 through #5**

May 6

8 – 12:00 am

“The Voice of Materials”

- 1. update from task force #1**
- 2. update from task force #2**
- 3. update from task force #3**
- 4. update from task force #4**
- 5. update from task force #5**

Graduate Program Discussion

Undergraduate Program Discussion

Abet Discussion