

University Materials Council Meeting – Spring 2003

Hotel Washington, 515 15th St., Washington, DC, April 2, 2003

Minutes prepared by:

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Attendees:

1. Mufit Akinc	ISU	kinc@iastate.edu
2. Raj Bordia	Univ. Wash.	bordia@u.washington.edu
3. Slade Cargill	Lehigh U.	gsc3@lehigh.edu
4. David E. Clark	Va. Tech.	dclark@vt.edu
5. Alan Cram	CMU	cramb@cmu.edu
6. Aris Christou	U. Maryland	christou@umd.edu
7. Steve Danforth	Rutgers	danforth@rutgers.edu
8. David Duquette	RPI	duqued@rpi.edu
9. Martin C. Hawley	MSU	hawley@egr.msu.edu
10. Kevin Jones	Univ. Fla.	kjones@eng.ufl.edu
11. Alex King	Purdue U.	alexking@ecu.purdue.edu
12. Subhash Mahajan	ASU	smajajan@asu.edu
13. Gary Messing	Penn State	messing@matse.psu.edu
14. John Morral	U. Connecticut	j.morral@uconn.edu
15. John Rabolt	Univ. Del.	rabolt@udel.edu
16. Mike Rigsbee	NCSU	mike_rigsbee@ncsu.edu
17. Bob Snyder	Ga Tech	bob.snyder@mse.gatech.edu
18. Betsy Houston	Fed. Mat. Sci.	betsyhou@ix.netcom.com

Minutes:

UMC Chair Bob Snyder called the meeting to order at 8:30 A.M.

1. Merrilea Mayo (NRC) spoke about "Communicating with Congress" (see attached PowerPoint slides)
2. Betsy Houston (FMS) spoke about Federation of Materials Societies and Congressional Visits Day, sponsored by the Science Engineering Technology Workgroup.

3. Toni Marechaux (NRC) spoke about Homeland Security related research (see attached PowerPoint slides).

4. Tom Weber (NSF/DMR) spoke about the NSF materials programs

5. Alan Cramb (CMU) led a discussion about the future of Materials Science and Engineering as a discipline. **It was agreed that this discussion should be continued as an item on the agenda for the Fall Meeting of UMC.**

6. Alan Cramb (CMU) led a discussion about graduate recruiting and graduate curriculum. He also presented slides on this topic prepared by Kathy Faber (Northwestern) who was unable to attend the meeting.

7. Mufit Akinc (ISU) spoke about undergraduate curriculum at Iowa State University.

8. Bob Snyder (Ga Tech) spoke about undergraduate curriculum at Ohio State.

9. Raj Bordia (Univ. Washington) spoke about undergraduate curriculum at Univ. Washington.

10. Mike Rigsbee (NCSU) spoke about recruiting undergraduate students into MS&E at NCSU.

11. Slade Cargill (Lehigh) spoke about the pros and cons of incorporating UMC as a non-profit organization. It was agreed not to pursue incorporation for UMC at this time.

12. Slade Cargill reported results of the email poll about when and where to have the Fall UMC meeting. Of the 27 UMC members who responded to the poll, 19 favored having the Fall UMC meeting in conjunction with the Fall MRS Meeting in Boston.

It was agreed that the Fall UMC Meeting will be held on Monday, December 1, at noon, in Boston, in conjunction with the Fall MRS Meeting.

13. Slade Cargill reported that the UMC Nominating Committee (Slade Cargill, Kathy Faber, and Ashok Saxena) had proposed Gary Messing (Penn. State) as candidate for 2nd VP, and Alex King as candidate for member-at-large. There were no further nominations from the floor. **Gary Messing and Alex King were elected by acclamation.**

14. John Morral (U. Conn.) discussed the UMC Survey, what new questions should be added, what old questions should be eliminated? See attached copy of 2001 UMC Survey. Changes proposed are the following:

1. Expand question 2 on the UMC survey to include place of birth of faculty (USA, Europe, South America, Asia, Africa, other).
2. Expand question 3 to ask for numbers of regular faculty, research faculty, joint appointment faculty, visiting faculty.

3. Change question 4 to read “ Academic Year Salaries (Faculty 9 months)” and add a line for Post Docs and for starting salaries for new Assistant Professors.
4. Expand question 13 to include a question on whether graduate student tuition is normally paid by grants or the University.
5. Expand question 14 to include a question on the percentage of research expenditure supported by federal, state or industrial funding.

6. Expand question 16 to ask for:
 - a. Number of semester credits required for a B.S. degree
 - b. Number of required undergraduate MSE courses taught/year
 - c. Number of required undergraduate MSE labs taught/year
 - d. Number of elective undergraduate MSE courses taught/year
 - e. Number of required graduate MSE courses taught/year
 - f. Number of elective graduate MSE courses taught/year
7. Ask for number of faculty who are professional society fellows
8. Ask for number of faculty who are NAE members.
9. Ask for number of faculty who are NAS members.
10. Ask if the Department has an Associate Department Head/Chair?
11. Ask for number of proposals submitted/year/EFT
12. Ask for number of proposals granted/year/EFT

Send comments to j.morrall@uconn.edu ASAP, so the next UMC Survey can be finalized.

15. Normal Neureiter (Technical Advisor to the Secretary of State), Lisa Piascik (Senior Executive, Counselor Division Affairs, Visas Office), and Dr. Melissa Flagg (Congressional Fellow, flagg@state.gov) spoke about visa policies and practices for foreign graduate students.

The meeting ended at about 3:30 PM.