

UMC Goals 1 (from the charter)

1. To help define and influence the directions and scope of the field of Materials Science and Engineering; to promote the field as an entity; to strengthen the educational content and the educational process in Materials Science and Engineering; to increase the quality and quantity of students in the field.

UMC Goals 2 (from the charter)

2. To be the organization that speaks for the broad materials academic community, including departments and sub-groups that focus on a single material or process class. Exert influence during the planning and implementation stages on the broad directions of government funded research programs and facilities. Aim to be represented on appropriate national committees and boards. Example of actions might include:
 - Independent studies (including distillation of existing information relating to the academic community) and issuance of reports;
 - Suggesting studies to be undertaken by other organizations such as the National Materials Advisory Board;
 - Holding open meetings to which government personnel are invited, to consider important materials issues;
 - Encouraging university-industry-government interaction, and
 - Provide constructive input to accrediting agencies through appropriate societies.

UMC Goals 3 (from the charter)

3. To serve as a collection and distribution agency for data relating to academic aspects of the field of Materials Science and Engineering that could be of value to universities, industry, and government agencies.

The Policy Committee (from the charter)

The Policy Committee shall consist of five members of the Executive Committee, plus approximately seven other individuals. Any member of the University Materials Council is eligible for membership on the Policy Committee. Members on the Policy Committee will be appointed for two year terms by the Chairperson of the University Materials Council with the approval of the Executive Committee. Functions of the Policy Committee are to include the following:

Recommend issues for study;

Recommend programs for the Council meeting;

Assume responsibility for conducting special meetings and preparing special reports;

Prepare policy stands, and

Serve as a focal point to identify critical issues for attention of the University Materials Council.

Options for Moving Forward

1. Populate the Policy committee with interested UMC members
2. Reform charter to develop a set of smaller committees to push forward separate elements of UMC functions. Each committee chaired by an at-large member of executive committee or second vice-chair, with three additional members. Each has a two year term, with two new members added each year.

- **Education and Accreditation**

Strengthen the educational content and the educational process in Materials Science and Engineering

Increase the quality and quantity of students in the field

Provide constructive input to accrediting agencies through appropriate societies.

Coordinate best practices in MSE education and accreditation

- **Data collection and Dissemination**

Collect, archive, and analyze data on academic aspects of MSE

Produce and annual report summarizing trends in the field

- **Advocacy**

Nominate UMC representation on appropriate national committees and boards.

Coordinate independent studies (including distillation of existing information relating to the academic community) and issuance of reports;

Suggest studies to be undertaken by other organizations such as the NMAB

Interactions with MRS

Web associated activities

Archiving reports, minutes, etc

Archiving our survey data in more useful way

Using MRS Bulletin for advocacy

Synopsis of reports from special meetings

Summary of Trends in MSE

Co-sponsoring symposia

Education

Accreditation

Industry interactions

Publishing educational materials

Spring Meeting

One suggestion: Teaching design in MSE - Emmanuel Giannelis