Develop a Strategy for UMC to become the voice for UG and Grad Materials Education

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Goals

• Advocate Materials Education to:
  – Professional Societies
  – Washington
  – Media
  – On Campus
  – Industry
  – K-12 Programs

• Anyone with a question related to materials education comes to us
Industry

• Placement Issues
  – Educate Recruiters, provide 1-page etc.

• Retraining Issues
  – Contact contin. Education folks
Interaction with Professional Societies

• ASEE, TMS, MRS etc.
• Must have membership on educational subcommittees
• Interact in materials education outreach programs
• Share these programs with UMC membership
• Must identify our input as representing UMC
Interaction with D.C.

- Want NSF, NAE, NMAB, DOE, FMS etc to ask our advice on materials education related programs
- Invite NSF etc program directors to our UMC meeting and influence programs that should be developed
- Educate them about our existence
  - Use 1 page description
    - Who we are, what we can do, how to contact us
  - Send to congressmen as well, regionally
Interaction with Media

- Media to turn to us with materials education questions
- Good web presence
- Send our 1 page description and DVD to the major media outlets including NPR, Reuters
  - Follow up with contact by the UMC chair
On Campus

• Be the advocate of materials education on campus
  – Disseminate our info on our courses to other departments
  – Offer academic advising assistance to non-mse students
  – Exchange ideas on our undergraduate laboratories
  – Local media contacts us regarding Materials Education
Action Items

• Develop self survey to determine where we stand with respect to committee involvement
  – Figure out what voids need filling

• Ensure 1-page description is submitted to the appropriate folks
  – Identify appropriate people
    • Include deans council

• Develop procedure for response to questions regarding materials education

• Invite periodically the TMS ABET representative