

MEMS Education Workshop:

Open Forum:
What Do You Think!

January 30, 2005 (Miami)

Possible Topics / Issues

- **How many MEMS graduates have been fired in the last x years?**
 - Are they competitive / valuable?
- **Where is our MEMS “SRC”**
- **Reliability in Academia?**
 - What are successful examples to learn from?
- **Fabrication courses are for technicians**
- **Dealing with multidisciplinary**
 - Too broad / shallow - the “BME problem”

Partial List of Comments

- **Ask each MEMS educator to complete a simple data survey**
 - **Scale, Scope, Demographics, etc.**
- **Team Strategies**
 - **One grade for the team (like industry)**
 - **Can fire one team member by 1/3 of course**
 - **Apprentice - “You’re fired!”**
 - **Rewards are not uniform**
 - **No formal leader typically assigned (problem)**
 - **Breadth versus depth (BME)**
 - **MEMS should be a topic for a school team class for the school as it is so multidisciplinary**
 - **Streetman: physics then devices**

Partial List of Comments

- **Need more design projects with shorter cycle time to increase learning experiences**
- **Need more physics graduates to know MEMS**
- **Need for short courses?**
- **Nanotech for Undergraduates (NUE)**
- **Another NSF opportunity (NXX)**
- **Need to tell congress people to change the current DARPA one-year go/no go funding**