

Material and Energy Balance (MEB) Virtual Community of Practice (VCP)



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Session 2: How We Teach MEB

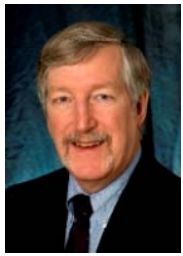
March 28, 2013

Tentative Agenda



- Getting connected and testing sound ~ 5 min
- How you (or your institution) teach MEB ~ 5 min each (55 min)
- Discussion of the Chickering article, “Seven Principles for Good Practice in Undergraduate Education” ~ 20 min
- Next week’s assignment ~ 5 min (Lisa)

How We Teach MEB



Dick Zollars
WSU



Lisa Bullard
NC State



Adeniyi Lawal
Stevens Inst. Tech.



Don Comfort
U. Dayton



Helen Buettner
Rutgers



Julie Mendez
McNeese State



Krishnaswamy
Nandakumar, LSU



Katie Cadwell
Syracuse



Erik Santiso
NC State



Matt Liberatore
Colorado School
of Mines



Norm Loney
NJIT



Steve Sternberg
U. Minn - Duluth

Good Undergraduate Practices (Chickering):

1. Encourage contact between students and faculty
2. Develop reciprocity and cooperation among students
3. Use active learning techniques
4. Give proper feedback
5. Emphasize time on task
6. Communicate high expectations
7. Respect diverse talents and ways of learning

In an off-line group, choose 2 of the 7 recommendations and discuss:

- ❑ What are some ways you currently address this recommendation?
- ❑ What are the challenges in responding to this recommendation?

Session 3: April 4, 2013

- Pedagogies of Engagement: Making Classroom Sessions More Interactive
- Prework:
 - Watch the video
<http://americanradioworks.publicradio.org/features/tomorrows-college/lectures/rethinking-teaching.html>
 - Read and be prepared to discuss the following articles from the MEB VCP portal under session 3:
 - Pedagogies of Engagement
 - Idea Paper #53