

# Dr. Ken Hover

Some Moments to Remember...

Dr. Fred Meyer  
Georgia Tech

# Lesson Objectives

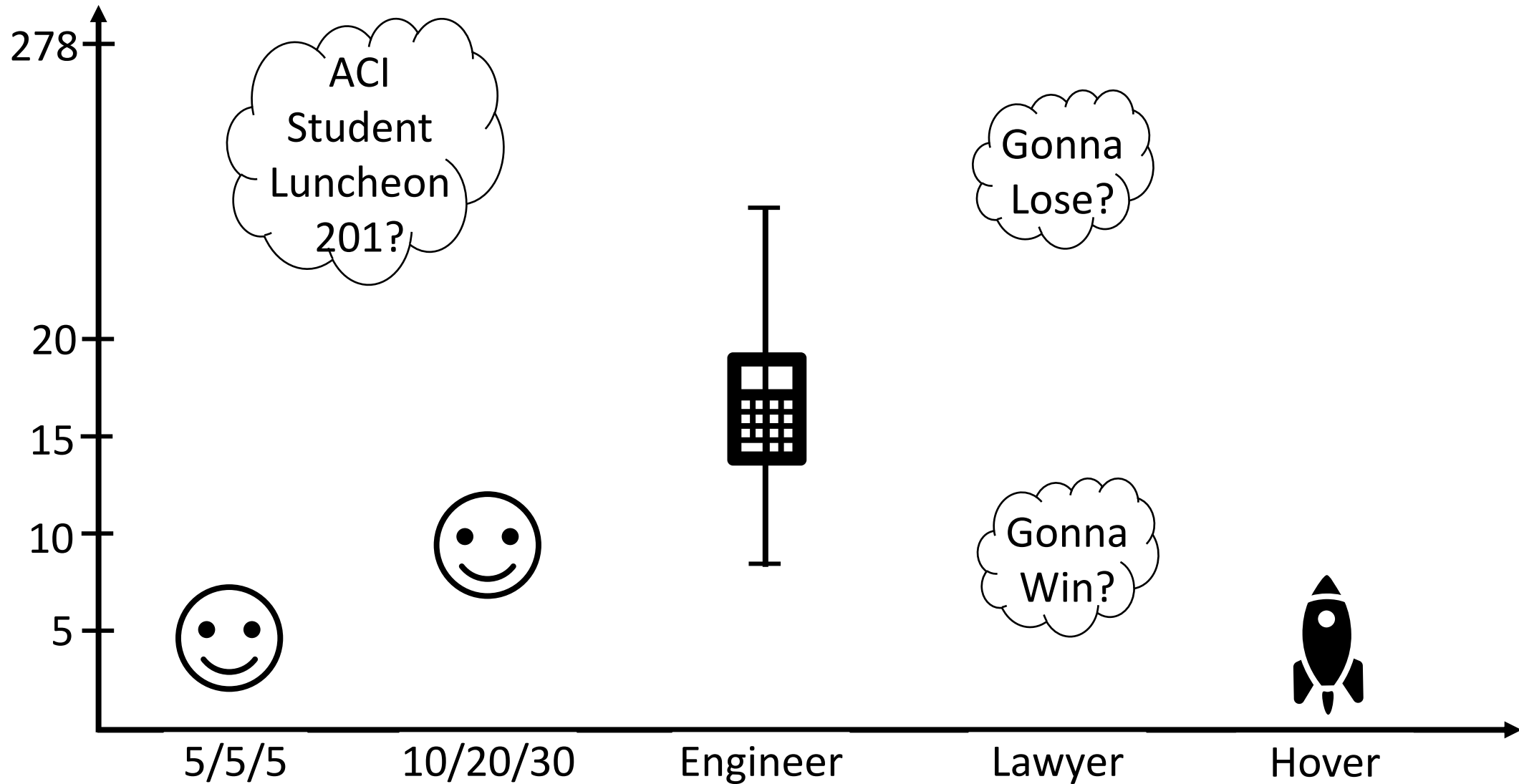
- **Describe** the effective use of Powerpoint slides in communicating with students.
- **Explain** the use of facial expressions in conveying one's true inner feelings.
- **Avoid** being asked to leave the convention.

DISCLAIMER: Some parts of the presentation may be more accurate than others. The stories are true to the best of the presenter's limited memory. No lawyers were endangered in the creation of this presentation.

# Powerpoint – How Many Slides?

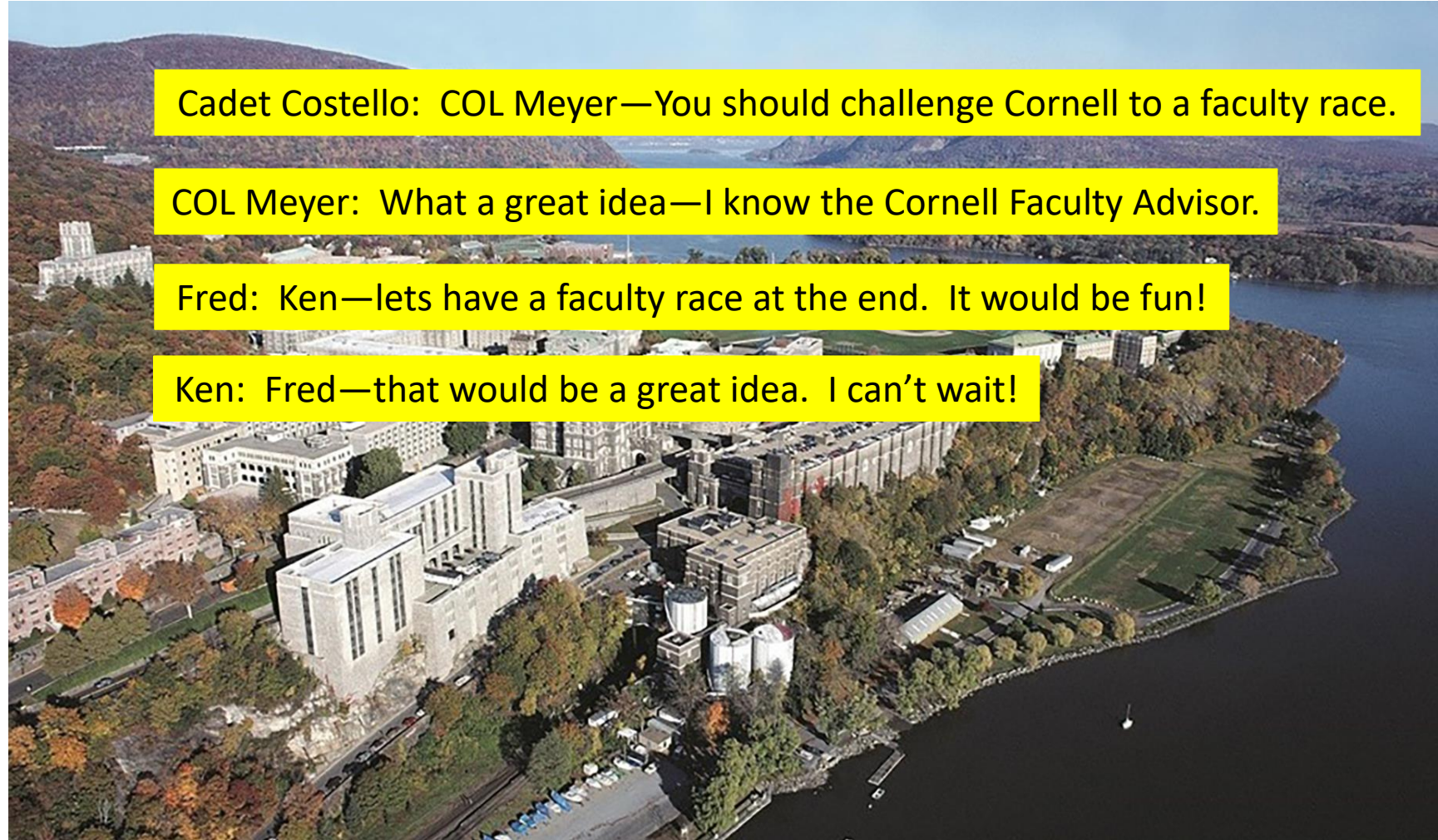
- **The 5/5/5 rule** – 5 words per line, 5 lines per page, **5 slides**
- **The 10/20/30 rule** – **10 slides** in 20 minutes with 30 size font
- **The Engineer's Rule** – Length (minutes) \*  $\lambda$  \*  $\beta$  \*  $K$  **(it depends..)**
  - $\lambda = 1.0$  (easy subject), **0.5** (hard subject), **0.25** (you can't explain the subject)
  - $\beta = 0.5$  (wide awake), **1.0** (somewhat fatigued), **2.0** (sleepy)
  - $K = 0.5$  (no graphics), **1.0** (some graphics), **2.0** (pictures only)
- **The Lawyer's Rule** – Length (minutes) \*  $\beta$  \*  $\Sigma$  **(it doesn't matter)**
- **The Hover Rule** - One of the great mysteries of ACl....

# Powerpoint – How Many Slides?



# ASCE Student Chapter Activities – 2008 – West Point, NY

- **Steel Bridge**
- **Surveying**
- **Mead Ethics Essay**
- **Mystery Contest**
- **T-shirt Design**
- **Pull-ups!**
- **Concrete Canoe**



Cadet Costello: COL Meyer—You should challenge Cornell to a faculty race.

COL Meyer: What a great idea—I know the Cornell Faculty Advisor.

Fred: Ken—lets have a faculty race at the end. It would be fun!

Ken: Fred—that would be a great idea. I can't wait!

# The Concrete Canoe Race...and Ken's Face



Oh my God—  
what did I just  
agree to? This  
could end  
badly for the  
Cornell Team!



I can't let my  
students see  
me like this. I  
have to keep a  
straight face.



If I just look the  
other way,  
maybe people  
won't notice  
the worry on  
my face.

# The West Point Concrete Canoe

**Cadet Liz Costello**

Concrete Canoe Team Leader

Captain of Army Women's Soccer Team



**Duct Tape**

**Freeboard**

# The West Point Concrete Canoe

**The West Point Submersible Canoe  
Innovation at its Finest!**





# The Concrete Canoe Race...Ken's Face and His Thoughts



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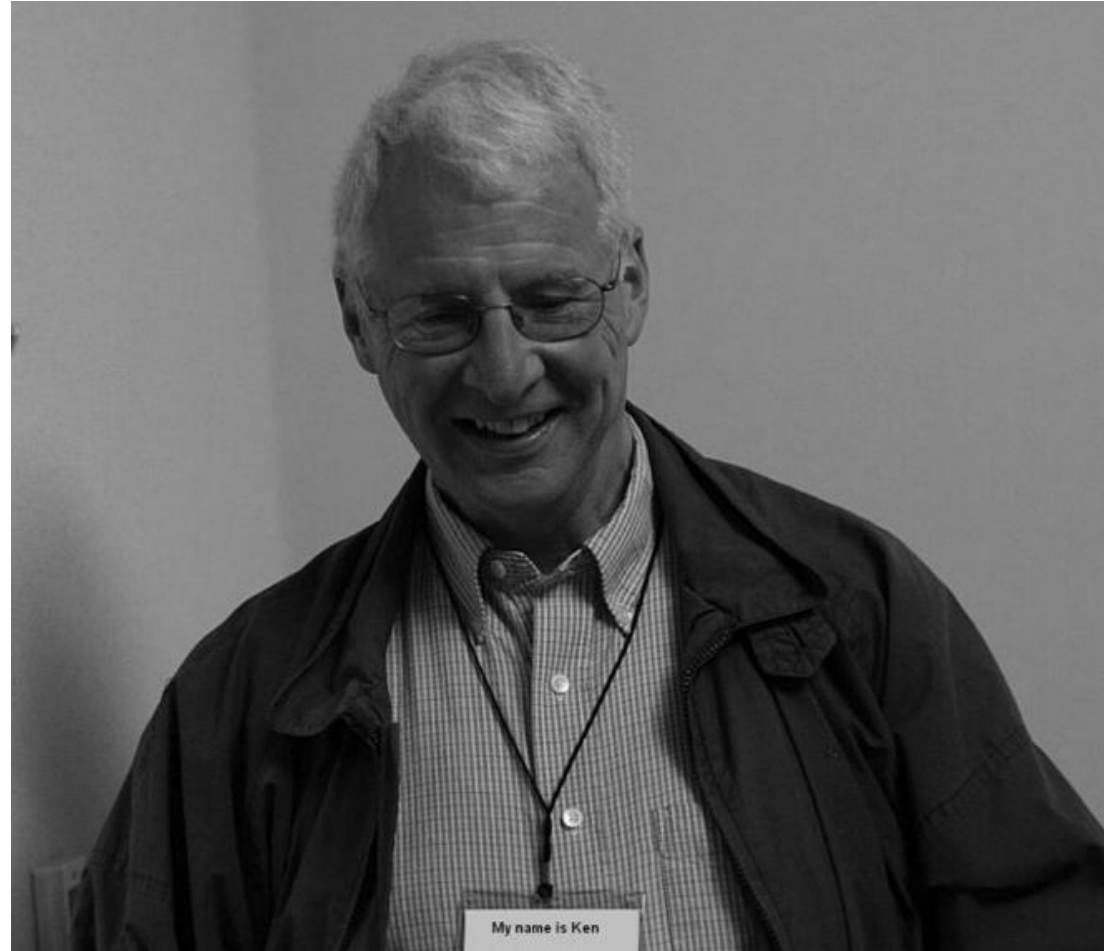


Oh, what  
terrible luck for  
the West Point  
Team. I hope  
the students  
are all safe.



Wow—I  
dodged a bullet  
on that one.  
Let's celebrate!

# Dr. Ken Hover



American Concrete Institute



American Concrete Institute

A Great American!  
Thank You!