

PhysTEC TAG Meeting 10-18-05
@ Science Discovery Center on CU east campus

4:41

Mike F. (MF) start with into of himself and a welcome
Introductions:

- Mike Dubson (MD)
- Carl McLaren (CM)- Science Discovery director
- Ted Hodapp (TH) -APS PhysTEC guy
- Ed Taylor (ET)- Horizon Hs
- Rob Flatland (RF)- freelance Science ed guy
- Steve Reeves-Stanly lake Hs
- Karin Lunn-Denver school of science/technology
- Paul Miller
- Linda Koch (LK)
- Me
- Amy Jordan- Evergreen Hs
- Valerie (VO)
- ?
- Mary ?
- Helen Petach- Fairview Hs
- Steve Pollock
- Trish L (TL)- Evergreen Hs
- Noah Finkelstein (NF)
- Chandra
- Eli Q.
- Chris K
- Stephan Graham-Jesuit Hs (popped in late)

4:45

MF to NF: "frame what PhysTEC is . . ."

NF: explains what PhysTEC is and how CU got the grant Talks about shortage of new, qualified physics teachers. He mentions resources that CU has and can Supply to teachers, and talks about related things such as STEM-TP. "We are most interested in hearing from everybody and what would be useful for you"

TH: "We are trying to help phys dept value their role in developing teachers" He asks for ideas from teachers about "what we need to know" to value this.

4:55

MF: Asks some participants to fill out paperwork for stipends.

NF: asks if then are any questions "Our hope is not to be top-down"

ET: asks if there is a diagram or schematic of these programs (PhysTEC, STEM, etc.)

NF: talks more about our research of these programs and transportability

MF: introduces Carol McLaren

4:59

CM: talks about science discovery program, history of building, classes for kids, programs, asks for input from CU people to augment the programs-asks for feedback or their collaboration with engineering and EUV people, they have an inquiry based teaching program that is a GK-K2 -mention, that GK-12 is good for teachers in that the grad students lend a hand teaching, etc.

5:08

VO: mentions deep underground science lab opportunity for teachers and has a handout

NF: fills everyone in on the underground lab proposal.

MF: talks about being a TIR and mentions what types of things he does, mentions Noah's class

NF: offers for teachers to take his class and "we'll try to pay your tuition"

MF: mentions teaching, STEM class of Steve I, desire to be CU/teacher liaison

TL: talks about her work as TIR and Phet. She demos Phet.

VO: mentions that Phet sims are free and available

NF: mentions that the one about 50 lessons on the site and asks Steve R to talk about his use of the sims

SR: ...

TL: talks about her work with Amy Jordan and how Amy came into teaching

VO: talks about recruiting teaches and developing coalitions which allow for good mentor relationships of prospective teachers with established teachers.

5:24

MF: "time to eat"

NF: talks about resources and goals...

5:49

MF: reconvenes

MD: talks about upcoming CU wizards show

CM: contributes "physics for Fur" curriculum and talks about it

MF: shows MVT (Math Visualization Toolkit) and the "Teaching Physics" book,

NF: expands on the explanation of the book

NF: open question to the group: "What can we do for you?" (resources, value, students (why or why not), Lego mindstorms, JILA resources through Linda, etc...)

LK: talks about getting grad students and post docs to go to schools and present. She also talks about the physics and film series

RF: mentions Phil Plait (sp?) and his website "Bad Astronomy"

VO: mentions students visiting schools for a practicum, not necessarily to come out and show and tell

NF: emphasizes the desire to develop a "partnership." We (CU) do not have all of the answers

MF: talks about STEM summer workshop- asks Steve I. to summarize, they want feedback from participants

SI: asks if there are any ideas for the next STEM Summer workshop. There are no responses

6:09

MF: asks for individuals to take the survey and give input or the TAG (see the handout).

6:19

MF: wants to give us more of an opportunity to talk- "stand & mingle"