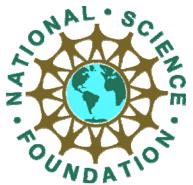


Outreach and Diversity: What Works and What Does Not Work.

Moderator: Alex Gaeta, Cornell University

Dawn Bonnell (Penn)
Andrew Greenberg (Wisconsin)
Jim Yardley (Columbia) ...if time....





Providing Outreach and Education



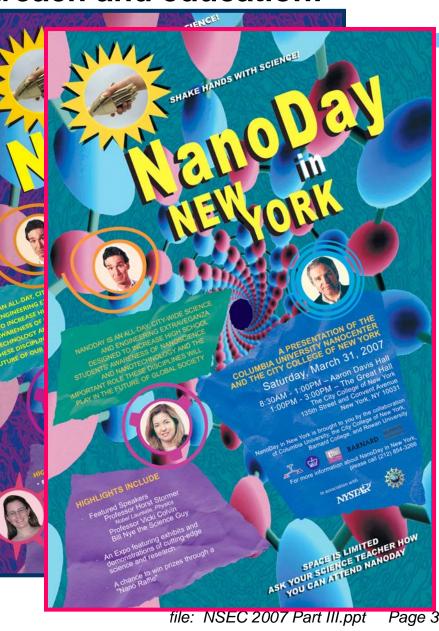
NSEC's are taking leadership in providing for outreach and education!

NanoDay in New York.



Bill Nye, "The Science Guy"







Tremendous demand!

[some genuine]

An unmet need: "hands on" nanotechnology "research" at advanced High School level.

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...can question whether this is desirable...

What do we do at Columbia?
Science Honors Program...
Highly successful Nanotechnology course.
-No real follow-up at present.
Summer Institute (with minority fellowships)
NanoDay
RET
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But....this is not what many are looking for.

Have considered "forum" for HS teachers and students, either real or virtual.



Education...what does not work.

Lab tours are difficult....(facilities are spread out)
Considering building video library.
Web education is difficult.
Large video project, PBS style....is difficult.
Safety and Environment education (of quality)....is difficult.





Promoting Diversity.



NSEC's are actively building diversity within the new generation of scientists and engineers.



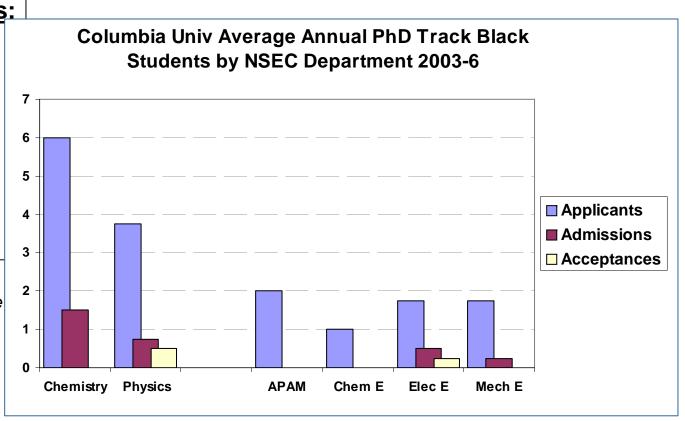


<u>Graduate student demographics</u> not ideal for building diverse graduate research program!



* international students are not otherwise classified with respect to ethnicity.

International *





Graduate student demographics not ideal for building diverse graduate research program!
----has driven us toward grad student minority recruitment.

But.... Center builds from 6 departments and has limited control over recruitment process.

We are:

Building partnerships: CCNY, others...

Collaborating with departments.

Engaging in our own recruitment through individual faculty efforts.

Strongly supporting the minority students that we do have....creating minority-friendly culture.

May be working....