Return By FAX

MAINTAINING AND NURTURING

EXCELLENCE IN SCIENCE AND TECHNOLOGY

Backg	round Information:
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City:	BALTIMORE State: MD Zip: 21209
Medal	l awarded (Please circle): Science Technology Year awarded 1993
	SE RETURN BY FAX TO: 415-399-4356
OR MA	ANN WOODWARD FOUNDATION FOR THE NATIONAL MEDALS OF SCIENCE AND TECHNOLOGY ONE BUSH STREET, SUITE 1100 SAN FRANCISCO, CA 94104
PLEAS	SE ANSWER THE FOLLOWING QUESTIONS:
1)	How old were you when you decided that science/technology/or engineering was what you wanted to study?
	Age: 17
2)	Was there a key individual who influenced your interest in science/technology/engineering?
	Yes No No
	If yes, at what age did this individual significantly influence you?
	Age: <u>22</u>
3)	This individual was a (circle as many as are appropriate);
	A Teacher B. Parent C. Family member D. Entrepreneur E. Family friend F. Other D Scientist/Technologist/Engineer
4)	This key individual captured your interest in science/technology/or engineering because
	A. You wanted to be like them B. You were involved in some of their projects C. The recognition they achieved attracted you to the field D. The tangible rewards attracted you to the field E. Other
5)	Did you have a mentor? (Three) Yes X No If yes, at what age? 22 to 33
	If yes, at what age? 22 to 33

6)	How important was this mentor to your overall career development? (Please circle one):
	Extremely important Very Somewhat Slightly Not at all important
7)	Are you currently mentoring anyone?
	Yes No
8)	Did you have an internship in science/technology/engineering, etc.?
	Yes X No elective research in medical school Your internship was provided by a (an)?
9)	Your internship was provided by a (an)?
	A University B. Industry C. Government Agency D. Other
10)	How important are internships in nurturing an interest in science/technology/ engineering for students? (Please circle one)
	Extremely important Very Somewhat Slightly Not at all important
11)	Did you receive a scholarship to pursue studies in:
	A Science B. Technology C. Engineering D Other E. I did not receive a scholarship
12)	What is the best way to expose students to science/ technology and engineering?
	A Science centers/Museums B Internships Mentors D. Science classes at school — if im proved E. Clubs and related organizations (junior achievement, etc.) F Educational Television G. Science and technology faires H. Other
13)	By communicating their success stories, recipients of the National Medals of Science and Technology can play an important role in inspiring students to pursue careers in science and technology? (Please circle one)
	strongly agree agree disagree strongly disagree
14)	Recipients of the National Medals of Science and Technology can inspire students by: (A) Getting involved with their local schools (teaching, mentoring) (B) Giving speeches
	C. Writing books/ articles D. Video/ TV presentations E. Other

Assuming it is imperative that more American students need to choose career paths in science and technology, please circle a number from 1-5 in order of effectiveness at achieving this goal (use "1" as the highest ranking and "5" as the lowest).

To inspire more students to pursue science and technology career paths, we must

increase:	Most Effective	Least E <u>ffective</u>
Involvement of scientists and technologists with students at/or before the Middle school level	1 2 3	4 5
Corporate participation in the education process	1 2 3) 4 5
"Hands-on" experience in science classes	1 2 3	4 5
Student exposure to careers available through an education in science, math, or engineering	1 (2) 3	4 5
Increase the number of science and math classes required for high school graduation	1 2 3	4) 5
Increase the number of science/technology/engineering/ math classes required for college graduation	1 2 3	4 5
Increase scholarships awarded to high school students who choose to pursue studies in science/ technology	1 2 3	4 5
Increase government grants awarded to individuals under 30		4 5
Other: Transmit to excitement of Accence	e 1 2 3	4 5
Other: Honors courses in Sch. + mell	1 (2) 3	4 5
Other:	1 2 3	4 5
e answer as completely as possible these questions related innovation for which you received the National Medal. It is use the back of this page. What advice would you give to a young student wanting to for the page.	for additional s	pace,

What should scientists and technologists be doing to nurture students capable of achieving innovations similar to yours?

I encourage independent thinking + experimentation

Lake because enjoyable

3. Recognize + reward telest

4. Teach rigor and integrity by example