

QUESTION: Behind all our Federal grants is competition for the dollar; contracts going to universities for scientists. There are family pressures for this man to get more grants rather than worry about the scientific detail.

DR. VOLLMER: I think there are two things that you are talking about here; that is, money that is to be used for salaries and money that can be used for research purposes.

Now, scientists, I think, are no different from anybody else in that they are effected by this status advancement pattern that we have in our society nowadays. They like to have a nice car and a nice place to live, for their families. Where they do get married and have families, they have wives who like to wear nice clothes and like to have a nice standard of living, naturally, for the children. So, there are all kinds of pressures to increase their salaries. Yet, at the same time these are men who did not go into business, for example. Many of them might have been successful businessmen; perhaps where they could have attained even higher salaries.

The point I tried to make in my lecture was that I think once these people have a basic minimal salary level here that reflects what they believe ought to be their status in society, then over and beyond this, if you pay them more in terms of personal reward or emoluments, it does not do much from the standpoint of any kind of scientific productivity. We have some data on this which show this.

Management would be better advised in this case, I think, to use extra dollars over and beyond this, rather than paying these people unusually high salaries; use extra dollars to enable them to do more basic research, perhaps, in areas that have a good likelihood of payoff for the company.

QUESTION: Dr. Vollmer, could you tell us something about how a specific project like how Stanford's Linear Accelerator gets started; who had the initial idea; who has the idea; how it is financed; and what do they expect to get out of it?

DR. VOLLMER: This would be another lecture, to talk all about the linear accelerator. Let me ask if you could focus a little bit more on the point of your question. Perhaps I could talk on it. Obviously there are many individuals involved in this--various interest groups; a university is involved in this; a government agency

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