

We offer doctoral programs in, I believe it is 10 different fields now, predominantly engineering and science, although we have just moved into psychology and biology. We are considering some in the humanities and social science area.

Mr. GIBBONS. Dr. Knowles, we have with us this morning Dr. Matthew who is the educational chief of the full Education and Labor Committee. Dr. Matthew would like to ask some questions at this time.

Dr. MATTHEW. I might say your testimony was quite exciting, particularly your description of the cooperative programs. It is good to hear how it operates.

One thing that I wanted to ask you was, in view of your desire to insure academic excellence here in Northwestern, whether or not the figures for research on library material increase by any amount that you get from the Federal Government. You get \$5,000 for library materials and instructional equipment.

Dr. KNOWLES. We are expanding our library as rapidly as we can. We find that our libraries are inadequate. The expansion of knowledge, the vast numbers of publications coming out all the time, in a great many different fields, make things difficult for many libraries to have the numbers of volumes or number of titles on the microcards, and so on, that they would like to have.

We are expending at the present time \$250,000 a year for new books. We will expand this by another \$100,000 next year. We are rapidly expanding our library facilities. This is an area where a great many universities need help. This is one way you can help them get academic excellence.

For the research program it is very important to conduct research in a great many of these areas of engineering and science as well as the humanities and social science because I honestly feel that good research and good teaching go hand in hand.

I know there are some who feel that the research programs have drained off the good teachers in the classroom. I think a man who is in research is a more exciting teacher than one who is not.

Research can also be bringing together existing knowledge, just organizing it. I like to see this kind of research, too. I would hope that research would be supported because this is a key to strong doctoral programs.

Dr. MATTHEW. The reason that most of the money has gone into construction grant from the Federal Government is because they are giving that priority?

Dr. KNOWLES. No, because of U.S. Office of Education funds available. We have had a lot of money from the National Science Foundation. The National Science Foundation is giving us three-quarters of a million dollars or more a year to support ongoing research projects.

Actually we are getting money under a number of other Government contracts so that our total expenditure for research is about \$3½ million. Ninety percent of this is coming from Government contracts.

We also have received money for buildings, laboratories, and equipment from the National Science Foundation. We have money from NASA, we have money from the Department of Defense. We have