Success comes to some people only after years of patient plodding. To others, it comes with meteoric speed. In innate ability in many instances determines the rapidity of progress, and the fundamental training one may have for his profession.

This is the reason most engineering corporations look twice at the educational background of prospective engineering employees. Given natural ability, if a man has good training enabling him to use to the maximum that ability, he is a good prospect.

Innate ability, a quick, able mind, willingness to work, and solid training—these account for the meteoric progress of Earl Bartholomew, '22 eng. He is one of the youngest laboratory directors in the country. And he holds one of the most responsible positions for one of his youth. Mr. Bartholomew is the director of the engineering laboratories for the Ethyl Gasoline Corporation.

Those who ask the question if grades mean anything in success, might add Mr. Bartholomew on the side of grades, for in addition to his engineering degree, he is a member of Phi Beta Kappa.

While in the university, Mr. Bartholomew was a member of Sigma Tau, Phi Beta Kappa, Sigma Alpha Epsilon and A. S. M. E. He is married, has two children and resides in Detroit, Michigan.

Following his graduation in 1922 with the degree of bachelor of science in mechanical engineering, he acted as instructor in the mechanical engineering department while doing graduate work in the engineering college.

The next year Mr. Bartholomew became instructor in mechanical engineering at Harvard University. During these years he engaged in a considerable amount of commercial research, including an investigation of the analysis of gases by the thermo-electric conductivity principle and the effect of surface catalysts on combustion in an engine.

Mr. Bartholomew also wrote a number of engineering textbooks for the department of education of the commonwealth of Massachusetts and a few chapters in the fifth edition of James A. Moyer's book on steam turbines.

Following his work at Harvard, Mr. Bartholomew went with the Ethyl Gasoline Corporation. As director of the engineering laboratory of that company, Mr. Bartholomew points out that the largest single problem which confronts the automotive industry is the provision of greater accelerating and hill-climbing ability from a given size engine. At the present time he is actively engaged in research on Ethyl gasoline and the development of high-compression engines.

**Earl Bartholomew, '22 eng., one of the most brilliant graduates of the engineering college, is director of the engineering laboratories of the Ethyl Gasoline Corporation, is a former Harvard instructor and is the author of several engineering texts.**