the developing of our water powers and their varied applications, brought about by the extension of our electrical knowledge; these will more especially engage the attention of the young civil and electrical engineer.   All these are causes which should spur on the young engineer just starting in the practice of his profession.

Let him remember that to be successful he must be skillful in whatever branch he may have chosen. To make two blades of grass grow where but one grew before ; to increase manufactured power, while simplifying the mechanism which produces power ; to save time, to save labor—these are the province of the engineer, and in the proper appreciation of the natural and physical laws which govern the universe does he differ from the mere untutored workman.

Let me close with one word of advice to the young graduate just entering on the threshold of his career, as well as to the engineer of longer practice. On all I would impress the important duty we owe to ourselves and our profession—the necessity of doing our work well. On this rests fame and all worldly success, and the consciousness that the work that has been given us to do has been done as well as it was in our power to do it should outweigh any external advantages. By so doing, we elevate our profession, we make of it the exponent of that philosophy which produces results, which Macaulay so aptly calls the philosophy of fruit : "for it has increased the fertility of the soil; it has spanned great rivers and estuaries with bridges of form unknown to our fathers ; it has lighted up the night with the splendors of the day ; it has accelerated motion ; it has annihilated distance ; it has facilitated all despatch of business ; it has enabled man to descend to the depths of the sea, to soar into the air, to penetrate into the recesses of the earth, to traverse the land on cars which whirl along without horses, and the ocean in ships which sail against the wind. It is a philosophy which never rests.   A point which yesterday was invisible is its goal to-day and will be its starting point to-morrow."