

have been forced upon me; but it is one that all who have come out here, with ideals such as mine, have been forced sooner or later to meet. The issue should have been placed squarely before me two years ago when I was considering the position. Had I then known that research was practically impossible I should never have come to the northwest. One can never learn the true conditions of an appointment from correspondence with the administrative officers. They are naturally biased. For that reason I have written this letter. I sincerely hope that it will enable others to choose less blindly than I.

X.

A TYPICAL CASE

PROFESSOR ——— graduated at ——— University and, taking a postgraduate course, received the degree of Ph.D. He then went abroad, studied at ——— University, and returned to America, full of enthusiasm for original research. He had published an important memoir for a thesis which was well received, his instructors encouraged him and his fellow students appreciated and were interested in his work.

He now received an offer of a professorship in a small country college, married and began his new life, expecting to continue his investigations. He soon found that almost all his strength was consumed in teaching, and was horrified at the end of his first year that his salary had not been increased, as had been promised upon satisfactory service. This induced him to review his forces and readjust to the situation. He assumed a more sympathetic attitude toward the tyro and looked deeper into the organization and purposes of the institution. He began to fall in with the teaching problem and reduced the expenses of his department by taking a larger number of classes himself and for a nominal sum employed a few bright upper classmen a few hours weekly to do the drudgery. He attacked the problem of efficiency in instruction and found himself well equipped for the undertaking, for the machinery of his superior training gave a diamond point to his drill in the form of system and habits of thought, and

this was backed up by the battering-ram of a growing enthusiasm.

He also became interested in the historical and vocational aspects of his subject and began to relate himself and his work to the world he lived in. In process of time his ideas began to show themselves in increased comfort and efficiency in the lives of human beings. His teaching task was now a magnet to all his powers, while his classes forgot their examinations in the joy of their daily lessons.

On the Olympic heights of the university he had learned to despise the rôle of the sturdy farmer and faithful wife who were responsible for his birth and education and much of the ethics of that parental pair had become a mere convention or a timely expedient. But there stole into the years of the busy Ph.D. a renewed conviction of the high worth of social purity, and his fictitious ideas of temperance, kindness, etc., gave way to principles more in keeping with his earlier teaching, while he ceased to despise the ultimate source of his bread and butter.

The finding of such men as this—men adaptable to the highest needs of the small country college—would be a worthy object for a Committee of One Hundred.

S. L. MACDONALD

FORT COLLINS, COLO.

SCIENTIFIC BOOKS

Animal Experimentation and Medical Progress. By WILLIAM WILLIAMS KEEN, M.D., LL.D., professor emeritus of surgery, Jefferson Medical College, Philadelphia, with an Introduction by Charles W. Eliot, LL.D., president emeritus of Harvard University. Boston and New York, Houghton Mifflin Company, The Riverside Press, Cambridge, 1914. Pp. xxvi + 312.

In this book Dr. Keen has brought together the thirteen papers on experimentation which he has published in various periodicals during the past twenty-nine years. Nine of these deal chiefly with the contributions which this method of research has made to medical—and chiefly surgical—progress, while the remaining papers are devoted to the antivivisectionists and what they have been doing. Not him-