

there are no special nerve elements. In higher, but yet lowly organized forms, such as hydra, the same cell performs the functions of both nerve and muscle. As we ascend the scale of animal existence, nerve cells are completely differentiated and multiplied. Communicating processes are developed between one nerve cell and another. The extremely intimate connection between nerve cells in man is effected by means of innumerable branches of the nerve cells called protoplasmic processes. The ends of these processes, from different cells, approach near to one another and form the connection between the adjacent cells. In proportion as these protoplasmic processes are numerously developed is the intellectuality of the individual type high. Examination of the brains of men who have died in different stages of alcoholic insanity, shows that this partial or total insanity is attended by a degeneration and disappearance of the finer communicating nerve processes. It has been found that prolonged activity produces changes in nerve cells, while extreme old age is found to bring about a shrinking of the nerve cells and a reduction in their number. Sleep may be explained by supposing that after fatigue the fine communicating twigs of the nerve cells are retracted, thus breaking the physical paths of communication necessary for the accomplishment of the mental processes.

Prof. McCallum opposes vigorously all the pessimistic views put forth regarding the future of our race, because they have a deteriorating effect and are untrue. It may be, he said, that a corresponding phenomenon may be observed in nation and race. After periods of great stimulation there seem always to follow periods and centuries of comparative decadence. These periods may be 200 years in the nation as they are 12 hours in the individual.

VARSITY MEDS.' ANNUAL DINNER.

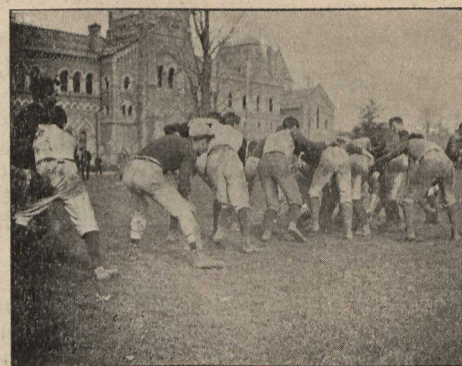
Seldom has a dinner been held in connection with the University of Toronto equal in every respect to that of the Toronto Meds. The way in which they all patronized it is ample evidence of its importance in the minds of both undergraduate and graduate medicos. Fully 350 sat down at the tables, which were arranged so that faculty and guests could be seen by the rest of the assembly. The speeches and toasts were excellent, but owing to the poor acoustical properties of the gymnasium, these were not so well heard as they deserved. Every preparation was made for the entertainment of guests and delegates, and certainly the committee of 1899-1900 are to be congratulated on the complete success of this year's dinner. The officers of the dinner were: Honorary president, A. Primrose, M.B.; president, A. J. McKenzie, B.A.; first vice, W.A. Cerswell; second vice, W. T. Wallace; treasurer, A. T. G. McDougall; honorary secretary, Edwin D. Carder, B.A.

CENTURY RECEPTION.

On Saturday afternoon, Dec. 9th, the senior year held their annual At Home in the east hall. The function was a decided success, being attended by over three hundred of the students and their friends. The special invitations had apparently two good effects—more came who were invited, and the numbers of ladies and gentlemen were more evenly matched. The executive of the century class are to be complimented on the success of their last class reception.

The cut of the University entrance and of the post and dragon of the eastern stairway, both of which appear in this issue, were made from photographs kindly loaned to VARSITY by Mr. C. D. Creighton, B.A., a Varsity graduate of '97.

The Sports



FINAL GAME OF MULOCK CUP SERIES.

Toikey oike, Toikey oike,
Allum T, Challum T, Chay;
School of Science, School of Science
Hooray, hooray, hooray.

This was the yell that was heard Friday, Dec. 8th, on the Bloor St. Athletic grounds, cheering the School of Science men on to victory over the Sophomores in the final match for the Mulock Cup.

Everything pointed to a good game. The weather was perfect, and men like McKenzie and Biggs on one side and Burnside, McArthur, Isbester and Douglas on the other made it certain that victory would only be gained after a desperate struggle. The game drew by far the largest crowd of any of the Mulock Cup games, and though some were naturally disappointed with the result, none could deny having seen an excellent and exciting game.

Play started about 3.30 with '02 kicking south. The kick-off carried the ball well into the Arts men's territory, but after a series of scrimmages an excellent run by Biggs and Patterson brought it well into S.P.S. ground, where it remained almost the whole of the first half.

During this half naughty two were awarded a great many free kicks, and from two of these McKenzie kicked the ball once over the dead line and once into touch in goal, leaving the score at the end of the first half 2-0 in favor of the Arts men.

The rest at half-time must have worked some miracle with the School men, for as soon as play was resumed they assumed the aggressive and it was only the excellent work of Biggs and the Sophomore back division that prevented a large score. In this half a kick into a touch by McHugh and a rouge and a kick over the deadline gave S.P.S. 4 points and the match. Only once in this half was the ball carried into school territory, and that was when Biggs made a splendid run, but the ball was soon carried back and the game ended with the School still pressing on the Arts men's line.

The teams lined up as follows:—

S.P.S.—*Back*, MacDonald; *Halves*, Burnside, McArthur, (captain), Thorne; *Quarter*, Dickson; *Scrimmage*, Fotheringham, Douglas, Isbester; *Wings*, Hunt, McLennan, Harvey, Campbell, Parsons, Taylor, Gibson.

'02.—*Back*, McHugh; *Halves*, Patterson, McKenzie, (captain), McDermott; *Quarter*, Biggs; *Scrimmage*, Stratton, Mullin, Hedley; *Wings*, Ingram, Dean, Smith, MacGregor, Smith, Martin, Brodie; *Referee*, J. L. Counsell; *Umpire*, E. N. Armour; *Touch line*, N. R. Beal, R. B. Fudger.