



The Dalhousie Gazette.

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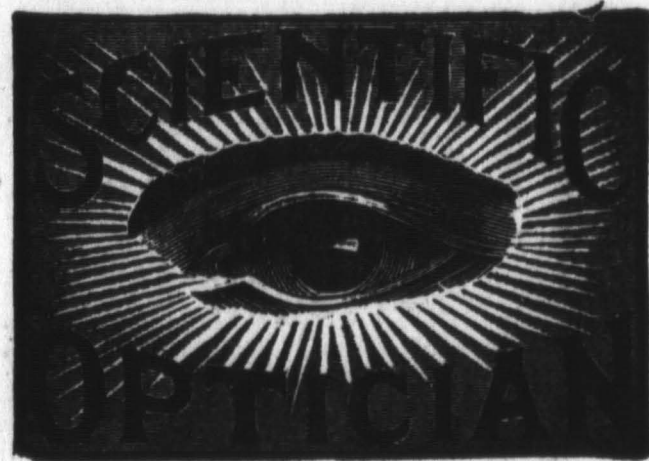
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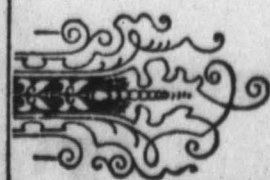
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"ORA ET LABOR."

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ANOTHER College year has begun, and the GAZETTE enters upon another volume. The new Board of Editors is smaller in number than in previous years, and of less experience, inasmuch as nearly all of its members are now serving on the GAZETTE for the first time, but, with the sympathy and practical co-operation of undergraduates and graduates alike they hope to make this thirty-sixth volume of the College journal worthy of its predecessors and interesting to Dalhousians everywhere.

To our contemporary College papers and other exchanges we extend greetings, with the hope that our relations may continue as pleasant as in the past.

THE School of Mines is a new-comer amongst us, but it has proved itself a lusty infant. Just a year ago it sprang into existence, and now it has on its roll 21 students looking forward to a degree, including a Freshman Class of 10. New equipment is being added, and the staff of instructors strengthened. In the basement, underneath the Classics corner of the Library, blast furnaces are being built, and the shades of Homer and Virgil are disturbed by the clanging of hammers.

The United States has sent us another of her sons in the person of Frederick H. Sexton, S. B., the new Assistant Professor of Mining and Metallurgy. Professor Sexton is a graduate of the Massachusetts School of Technology, class of 1900. The year after graduation he spent at his *Alma Mater* as Assistant to the Professor of Mining. During the next two years he was engaged in practical research work in the metallography of iron and steel in the laboratories of the General Electric Company at Schenectady, N. Y. In the name of Dalhousians, the GAZETTE extends a warm welcome to Professor Sexton.

THE Macdonald Memorial Library fund is still growing. During the Summer an active canvass has been made in the Counties of Lunenburg, Kings, Pictou and Cape Breton, and in St. John, Campbellton and Newcastle, New Brunswick, with encouraging results. Since April 7 the fund has been increased by \$2,540.00, so that the amount subscribed to date totals \$23,292.00, with about \$5,500 paid in. The Executive Committee promise a full report for the next number of the GAZETTE.

The Late C. Sydney Harrington, K. C.

The death of Mr. C. Sydney Harrington, K. C. lecturer in the Law School occurred on the 12th September 1903. Mr. Harrington was born in Antigonish in 1850. At the early age of twenty-one he was admitted a Barrister to the Bar of Nova Scotia. He practised his profession in Halifax, having for some years associated with him C. P. Fullerton and J. P. Foley under the firm name of Harrington and Fullerton. In 1882 he was appointed Queen's Council and for several terms was President of the Council of the N. S. Barristers' Society. He was on one occasion offered a judgeship, but he refused the honor.

For nearly twenty years before his death Mr. Harrington had been associated with Dalhousie College as Lecturer on Evidence, and Partnership and Companies. He not only had a profound knowledge of law, but he was also a master in the art of exposition, having acquired by constant study of the great writers an excellent style and a copious diction. His death is a great loss to Dalhousie Law School.

Technical Ideals.

Inaugural Address by J. Edmund Woodman, M. A., Sc. D.

A custom has been established by which, year after year, at an appropriate time and in an appropriate place, each successive incumbent of a chair at this University presents his views concerning matters related to the interest which the organization seeks to promote, and in subjects especially of which the speaker may be supposed to have special knowledge, or which he may for the time champion. The task may be attempted by a survey of work already accomplished along a given line, here or elsewhere, as was included from the viewpoint of technical education in the Convocation address of a year ago; or by a declaration of the purposes and aims of that part of education which the speaker represents. And it seems eminently fitting at this time to set forth some of the proposed standards of the new School of Mines.

It appears inevitable that man, whether individually or collectively, should find himself unable to live without ideals, be they low or high, vague or clear. Consciously or unconsciously he works toward some end; and when at last he finds it almost close at hand, it glides into the distance again, as unattainable as ever.

It would be as undesirable as it seems impossible, for such an institution as the new Dalhousie School of Mining and Metallurgy to begin or to continue its operations without definite ideals. For success of the highest character, these must be lofty, pure, and persistently followed through apparent failure, or apparent success. As I conceive the highest possibilities of a mining institution, situated as is ours, they may be summed up in this:—to show the presence of those resources which in the long ages have accumulated for the benefit of man, and the best methods of winning these resources for his use. Thus shall we contribute most towards the attainment of man's possibilities, by aiding him to gain a full understanding of his own place in nature. For the accomplishment of this, there are needed contiguous natural resources—these we have in considerable amount; a well trained corps of instructors of great personal devotion—this we have in part, and to it we are gradually adding; adminis-

trators and councillors wise, shrewd, firm and enthusiastic—these we possess in an eminent degree; material resources in equipment and housing—these we own but to a very limited extent, not so limited as to be fatal now, but requiring unremitting endeavor on the part of all interested in our success, that we may remove the deficiencies as rapidly as possible; and finally a community sufficiently intelligent to appreciate and to second our efforts toward the upbuilding of the Province, interested enough to follow us not with their good wishes only, but with those material expressions of good will in money, buildings, machinery and specimens of which we most stand in need, and with such faith in our success as to entrust to us their sons who contemplate following the profession of mining.

While, however, the general aim of the school may be stated in a single sentence, to achieve it there must be continuity of effort along diverse lines; and I propose to-day several ideals, to attain which the School pledges its life, and calls upon all those whose interests closely or remotely touch it in their many and varied ways, for aid. These ideals will naturally group themselves into several classes.

One group concerns the curriculum in its widest aspect—the offerings which we shall make to our students in the way of courses and opportunities for research, the requirements for admission and graduation, and the exactions of course work. We aim eventually to include in the instruction provided, every subject which may properly come within the range of mining and metallurgical knowledge; and in research, provision whereby the keen and ambitious student may have unlimited range in his choice of problems for solution. When the present schedule of studies was outlined, three difficulties presented themselves—the man who, more than others, would later hold the responsibilities of this work had not been selected; the material resources at command were small; and finally the mining and metallurgical problems peculiar to the country which we seek most to serve are as yet but dimly discerned, even by the best initiated among her mining men. The course outlined, however, had for its basis some little experience, and a careful study of the curricula of the best institutions of similar aim, coupled with such knowledge of the peculiar needs of the Maritime Provinces as is at

present to be had; and as a result it compares favorably with any, in those studies which are regarded as essential to a broad training. But in many respects it must be altered and expanded, as our resources enlarge, and our knowledge of how best to aid the mining and metallurgical practices of the Province grows. To take a single instance, we have at present no material provision, here or elsewhere in Nova Scotia, for the study of the metallurgy of iron and steel, or of metallography, which has risen to so great importance within the last half-decade. Yet this must soon be forthcoming; for the need is pressing, and the institution counts as one of its most valuable assets a head of the mining department who, among other qualifications, has specialised keenly along just these lines. And his work might, with the proper equipment for experiments, be of signal aid to an industry at present somewhat in distress. I trust it may speedily be made financially possible for us to offer advanced instruction and research in these branches. The school was inaugurated expressly to give professional training best suited to the needs and resources of the Maritime Provinces, and especially of Nova Scotia; and everything possible must be done to insure success in this ideal. In part, at least, we must look to the large companies employed in mining and metallurgy, and in other occupations connected therewith, for financial help. Of one thing our friends may be certain. The institution was not started to develop any preconceived ideas or theories, but to do whatever is best for the fulfilment of its economic mission, whether sanctioned by precedent or not. One evidence of this is the radical departure in the system of teaching inaugurated at Sydney last May, under such favorable prospects. It bids fair to become a permanent and important line of endeavor, by which many may be helped who cannot come to us; and gradually it will be extended, as circumstances permit and as the need demands.

Of requirements for matriculation and graduation it may be said that the former are admittedly low, and must be raised as rapidly as the general educational conditions permit, to a level comparable with that at the portals of the best technical schools. The latter we hope to make fully as high as any, even at present, as far as we can offer courses; and to ap-

proach the breadth of the best degree requirements, as we are able to broaden and enrich the curriculum—and eventually to make the degree mean more, for our field of influence, than does that of other and at present wealthier institutions. Part of this must perforce result from the methods and exactions of course work. We all believe, I think, that the best method of developing men in scientific lines (and, indeed, in many if not all other), is by means of personal contact with the students, in small numbers, and by a study on their part of the actual phenomena or forms under discussion, rather than a formal and second-hand description on the part of the instructor. This first-hand, or so-called “scientific” method we purpose to employ to its fullest extent. Moreover, wherever possible the inductive method, that of proceeding from the particular to the general, will be used; experience having long pointed to it as the more logical of the two, and productive of the best mental development.

The complaint is often made that collegiate technical education does not educate, but merely trains. Oddly enough, the statement comes dogmatically oftenest from those who have not analysed the curricula of well-balanced schools, to determine just what deficiencies exist so widespread. The question “What is the aim of education?” is old, yet ever productive of argument; and each discussion shows continued diversity of opinion, and often the presence of ignorance and misunderstanding. Education, Training; Knowledge, Wisdom—are the first pair to be regarded as synonyms more than the second? The collegiate technical school has two apparently incongruous problems arising with the entrance of each matriculant. One is, give him an *Education* which shall develop his mind with a fair degree of symmetry, the other is to ground him so thoroughly in the *Knowledge* of his specialty that he can fight his battle later with success.

But are these two incompatible? Man is distinguished from the lower animals largely by reason of his mind; and I take it that the ideal education must develop the mind symmetrically, and to the greatest extent possible in each direction without distorting the symmetry or overtaxing the capacity. By the necessities of the problem, the development of memory and the acquisition of a body of facts must enter

into any scheme of education, rational or irrational. In specialisation of the best class, this function is a large one; and the chief dangers lie in overbuilding it, or in beginning the rearing of this, which should be a superstructure, while the broad foundations are as yet incomplete. The whole may best be summed up, then, in President Eliot's now famous statement that “Education is training for *power*.” If this is accepted, it should be the aim of education to draw out all the faculties that determine that power; and, according to the opinion of a large and increasing proportion of the leaders in educational thought and practice, to develop some one faculty along a definite line with special acuteness.

What are the faculties, and what branches of learning will strengthen them? Foremost I would place the inductive power; and discipline in this is best afforded by the Natural Sciences, since all knowledge, of whatsoever kind, come to us through the senses and by reasoning upon what they teach us. The use of these senses, the interpretation of their phenomena, and the drawing of correct generalisations from their evidence, are necessary to all. Our Mining School will surely give adequate training in this direction. Second comes Number and its properties; and the reasoning, largely deductive, based upon these. Mathematics, also well developed in the mining course, cover this field. Third is Communication, by means of expression. This is Language. While the curriculum does not absolutely require any foreign language, the study of French or German is made obligatory upon candidates for Distinction; and the one language most important and usually most neglected—our own—must be studied for two years. Nothing is more essential than that a technically trained man shall be able to use his own tongue simply, clearly, and precisely. But aside from this utilitarian viewpoint, the principles underlying the study of English, and the faculties called into play by practice in its use, are as valuable for mental training as though the language were foreign.

Fourth, there is the relationship with one's fellows, expressed in History and Economics; and fifth, the abstract reasoning, developed in Logic and Philosophy. The first has no formal place in most technical curricula; but both its phases, particularly Economics, must be touched upon to some extent in a

broad study of Mining, in various courses. The methods of the second are not original with itself, for those employed by the Natural Sciences and Mathematics are similar.

These, it seems to me, form a fairly complete list; and if enumeration were made of all the subjects assignable to each, it would be found to embrace a vast range of knowledge wider than that offered by the broadest universities. It can be urged without prejudice that the Mining course proposed for our School already includes a fair grouping of the first three; and that the last two, difficult formally to introduce, are yet not entirely wanting.

As regards the grade of excellence required in the work of individual classes, it is fair to state that the ideals of the instructors are high; and that not only by actual rating, but especially by an appreciative quality of their learning, will the mining candidates be required to pass higher than those under other faculties. This is a necessary protection for advanced classes, which deal largely in the acquisition of facts, against degeneration in the character of their work and their output.

The first group of ideals has been discussed somewhat at length. The rest will bear briefer mention. In a second class may be placed those relating to the *esprit* of the teachers and the *morale* of the graduates. The latter depend upon the former. Earnestness of purpose, loftiness of personal ideals, devotion to their educational tasks and interest in the students working under them, combined with a bitter hatred of the commercial spirit which animates so much of the professional work of the day,—all these they demand of themselves. No lasting advance, either in the science or in the economics of mining, can result from commercial piracy; and nothing but eventual ruin for the man who allows himself to be swayed or intimidated by it. In respect to this class of ideals, I think we already approach nearer to our goal than in any other.

And this spirit of the instructors should be reflected in the moral tone of the graduates; and I look to see this come to pass. To this end, and for many other purposes connected with their individual welfare and the advance of their profession, I propose that we keep in close touch with all who shall labor with us in the School, weaving of them a compact

organisation that shall be of benefit to themselves, to us, and to the economic upbuilding of the Provinces. More than knowledge and expertness will be required of these graduates. In no other line of the world's work are to be found so many wily and unscrupulous men among the laity, or so many quack impostors in the professional ranks. Our graduates must be absolutely honest, throughout every fibre of their being; tactful in dealing with the many perplexing problems and personalities that will confront them; fearless in the presence of wrong and incompetence, calling a knave a knave and a fool a fool whenever the ends of truth and justice can be served best thereby. Thus shall they be faithful servants of a profession which gives opportunities for heroism and sacrifice equal to all, save a few. And finally, we shall aim to send our young men forth possessed of a spirit of openness toward all that is new or good, from whatever source; of friendliness and comradeship with the men who have had less of theory but probably far more of practice; and a missionary spirit which shall strive to leave each place, each property, as much better than when first encountered as the opportunities of the time and the conditions permit.

A third class of ideals concerns those in which we seek the betterment of the mining and metallurgical practices within our field of usefulness. It would be egotistical indeed, for us to imagine that we shall ever correct all their faults; but it would be minimizing our ability and lowering our ideals, not to determine to influence the provincial practices deeply for the better. For this the mining men of the country have been waiting. For this has the demand gone up for a country local training school; and we must pledge our best efforts toward as large an accomplishment as is given us to make. Aside from the work of the graduates individually toward that end, in the open field of professional labor, we hope for much from tests made in our laboratories in the course of ordinary under, graduate study, and ultimately much also from the researches of advanced students and instructors. Thus, we propose soon to have in operation an experimental plant for testing the most profitable and economical milling practice for gold ores. The idea that one method will suit many ores, and the lack of adaptation of the existing methods, if indeed there can be said

to be any distinct practice, to the various ores of the different districts, is one frequent cause of the failure of mining operations when the veins may be good. Another direction in which we hope to be of continued service to our students after they leave us, is by means of a gradually increasing mass of information, kept on record sheets in our institution, concerning the structure, chemistry, metallurgical and mining history of properties, seams, veins, ore bodies, or rock deposits, as the case may be. These will be available for the consultation of all graduates, under certain restrictions, and should in time be of very great advantage to them in the line of economy and accuracy.

A fourth class of ideals pertains to the material equipment of the institution—its apparatus, buildings and finances. Here at last I falter—not lest the ideal be too high, but lest a frank expression of it should, by the apparent impossibility of its achievement, deter friends from offering us aid, fearful that it be thought too small to avail us. The possibility of this must never arise. No aid is too small, and none will ever prove too large, to be acceptable. To state, then, those features which most press for recognition in this serious problem, we must have soon certain laboratory equipments, without which we shall not fulfil even the nearest and easiest of our purposes for usefulness. We require also, and at the earliest possible moment, a complete reform in the teaching of most of the engineering. This is recognised by none more fully than by the few engineers who have given us a share of their time and experience for some years, often at the expense of their own work; and to whom we owe and give our heartiest thanks. But the time has come when, if we are to make even a pretense of giving a good training in Mining, the other engineering branches must be taught by a man who can devote his whole time and energy to the University's needs.

Ultimately we shall require—and must get—buildings, laboratory apparatus and specimens of such nature and in such amounts as shall enable us to attack any problem that may arise in connection with the minerals of the Maritime Provinces; and to give those who entrust themselves to us a training in general practice better than any such institution now does for

its own section of its country. Not until then can we afford to look upon our success as more than comparative.

These, Mr. President, are some of the ideals which the new Mining School has set for itself; and towards the realisation of them it asks the co-operation of yourself and your coadjutors, and of all the wide community in business and professional life whose varied interests in any way touch upon the natural resources of the Maritime Provinces. If it be said they are too many or too high, that some at least are unattainable, I reply that they cannot be too many or too high; and that for any community or institution to keep its ideals so low that they can ever be fully realized, is a calamity fearful in the ethical degradation which it discloses, and limitless in its power for evil.

Dalhousians in the West.

In education the number of Dalhousians is large and the quality good. Unquestionably they occupy the first place. Alexander Robinson B. A. (86) with high honors and gold medal in classics is Superintendent of Education in British Columbia. James C. Shaw, B. A. (87) with similar honors succeeded Mr. Robinson as Principal of Vancouver College. With him as higher teachers doing College work are George E. Robinson B. A. (85) and J. K. Henry B.A. (89). There is no better staff engaged in High School work between the shores of the broad Pacific and the stormy Atlantic. Vancouver College is a City High School ambitious to become a College and grow into a University. Hitherto civic jealousies have thwarted the ambition there.

In New Westminster, the Principal of the High School is H. M. Stramberg, B.A. (75) who has done excellent work and made a reputation as a teacher. In Vernon, Clarence Fulton, B. A., (89) known to men still living within the walls of Dalhousie, is Principal of the High School. D. M. Robinson, B. A. (93) known as "Davie," is one of the strong teachers of the West. He is Principal of the Central School Vancouver. These men have given Dalhousie a reputation in the West that insures a young graduate a hearty welcome and a good position in the teaching profession.

Nearer East, A. O. Macrae B. A. (93) Ph. D. is Principal of the Calgary School for Boys, recently opened by Premier Haultain. Residential schools are a necessity for high school work. The population is widely scattered; highly qualified teachers are few, and the large number of Englishmen believe strongly in schools of the Rugby and Eton type.

In British Columbia and the Territories, the University question is unsettled. There is a danger of a repetition of the blunders that have crippled higher education in Nova Scotia. While denominational prejudices are less strong and less powerful in the West than they were here, civic rivalries are keener and more dangerous. Rival towns use any and every argument to gain a victory. Victoria, Vancouver and New Westminster are parties to a three cornered dual. But Vancouver and New Westminster are so near and so devoted to the cause of the mainland that Victoria is likely to lose in the fall of the power of the Island. In the Territories, Calgary and Edmonton are out-bidding each other for the promised University, while in Manitoba the rivalry between Brandon and Winnipeg has added to the difficulties of the University.

In Winnipeg, the Superintendent of city schools is Daniel McIntyre, an old Dalhousian and one of the ablest educationists in the West.

All these men are destined to play a very prominent part in the development of higher education in the Great West.

In political life, Dalhousie's sons occupy no mean place. The Hon. Richard McBride, LL. B. ('90) is leader of the Government in British Columbia, and is regarded as one of the most honourable and tactful men in public life in that province. W. J. Bowser, LL. B. ('90) is a member for Vancouver and supporter of his classmate, the "Honourable Dick." New Westminster, the home of the Premier, has sent to Ottawa Aulay Morrison, LL. B. ('88) Dalhousie's first and only artist.

In the Territories "Dick" Bennett, LL. B. ('93) is regarded as one of the ablest men, and the most brilliant orator among the younger politicians. He has kept true to the faith of the Dean. When one remembers that A. B. Morine, LL. B. ('92) is leader of the Opposition in Newfoundland, that there are representatives of the Law School in the Parliament at Ottawa, Victoria, Regina, Fredericton, Charlottetown, Halifax and St.

John's and in the Government of distant Dawson, one has little hesitation in predicting that the day is not far distant when the Dean will be better represented in the Parliaments of Canada than even Pictou County.

In Winnipeg, I. Pitblado, a Dalhousian of the eighties, is a prominent lawyer and organizer of the Liberal party. Ability, energy and foresight have been given to him in greater abundance than to other men.

R. B. Graham, LL. B. (93) is deep politics and in law. He is with Colin Campbell, Attorney-General of Manitoba.

In the legal profession in British Columbia are J. P. MacLeod, B. A. ('84), Neil MacKay, B. A. ('86), J. A. Russell, LL. B. ('93), Stipendiary Magistrate of Vancouver, C. Killam, LL. B. ('99) and A. C. Calder, LL. B. ('02).

The Yukon has claimed for Governor F. T. Congdon, LL. B. ('89) For a former Mayor Dawson elected C. M. Woodworth, LL. B. ('93) and for his successor, Alfred Thompson, M. D. ('98.)

In the territories, C. R. Mitchell, a quondam Law School student, is practising in Medicine Hat, while H. A. Allison, LL. B. ('00) is just beginning to tempt fortune. In Manitoba, F. A. Morrison, B. A., LL. B. ('97), of fragrant memory, is spying out the land.

Two have fought the good fight and are not, G. O. M. Dockrill, LL. B. ('92) and J. S. Morrison, LL. B. ('97.) Their friends still cherish with affection the memory of what they were and did.

In the clerical profession, one name, Rev. M. J. McLeod, B. A. ('87) is upon many lips. Mr. McLeod is pastor of the finest church on the Pacific coast. Pasadena, California, knows his worth and how much his eloquence is prized even in Chicago.

In British Columbia, J. M. McLeod, B. A. ('85) and J. Calder, B. A. ('86) are in Vancouver and Revelstoke, while over the Presbyterian Home Missions of the Synod of B. C. and the territories, Dr. J. C. Herdman, B. A. ('74) bears gentle and wise rule.

In the territories, J. W. McLennan, B. A. ('83) D. M. Reid, B. A. ('97), G. P. Tattie, B. A. ('94), Geo. Arthur, B. Sc. ('94) hold important fields—the latter among the Galicians.

In Manitoba are J. M. Sutherland, B. A. ('69) and Dr. Pitblado, a true friend of Dalhousie.

Dalhousie has other representatives in the West, some who have done pioneer work, others just beginning, and some who have gone west as happy brides. In the far West as well as in the nearer East, the name of Dalhousie is held in high esteem, because her sons and daughters have shown themselves true to her best traditions.

Convocation.

Convocation took place in the Law Library on the afternoon of Wednesday, September 16th. In his opening address, President Forrest referred to the great loss the University had suffered in the death of Mr. C. Sydney Harrington, Lecturer in the Law School on Evidence, Partnership and Companies since 1886. He announced that Mr. H. A. Lovett (L. B., '89) had been appointed Mr. Harrington's successor, and Mr. Joseph A. Chisholm (L. B., '86) Lecturer on Real Property.

An important addition had been made to the staff of the Mining School in the person of Frederick H. Sexton, S. B., who had been appointed Assistant Professor of Mining and Metallurgy.

The Summer School of Mines at Sydney had given practical instruction to miners seeking promotion, as well as to prospective candidates for degrees. The lecturers were Professors Mackay and Woodman and Mr. Hudson. The School will be repeated next year, probably at Sydney Mines or Glace Bay.

At the conclusion of the President's opening speech, Dr. Woodman delivered the inaugural address on the subject of Technical Ideals, which is published elsewhere in this number.

It was announced that the following entrance Scholarships had been awarded:—

Junior Matriculation:

McKenzie Bursary—John E. Read.

Professors' Scholarship—F. C. Knight,

Sir William Young Scholarship—W. C. Ross.

Senior Matriculation:

Professors' Scholarship—A. Moxon.

Professors' Scholarship—E. W. Nichols.

Sir William Young Scholarship—Anna McLeod.

The following will be awarded during the Session:—

The Rhodes Scholarship, \$1,500 per year for three years.

The 1851 Exhibition Science Research, \$750 per year for two years.

The North British Bursary.

The Class of 1903 (Arts and Science.)

"A THOUGHTFUL BAND."

The class of 1903, with one or two exceptions, took life very seriously. They devoted themselves to study with commendable assiduity, and did each day's work as it came. They were all strong abiders; some of them speedy goers as well. The Y. M. C. A. flourished in their time. So virtuous a class it may not soon be Dalhousie's fortune to see.

The girls of 1903 made a splendid showing. There were only four in the class, but two of these are in the list of the five graduates who captured High Honors. A third, Miss Webster, took the Avery prize. There is something here for the opponent of co-education to chew upon.

MISS EUPHEMIA MAY MACDOUGALL came from Truro. She graduated with High Honours in English and History. She was an editor of the GAZETTE, and a good contributor to its pages. She is at present on the staff of the Truro Academy.

MISS RAHNO MABEL McCURDY chose the arduous mathematics for her special field, and also took High Honors.

MISS WINIFRED WEBSTER was the President of the Y. W. C. A. She is at present teaching at Waterville, Kings Co.

MISS FRANCES JEAN LINDSAY made it a point to miss none of the fun of college life. She now holds a position in one of the business colleges down town.

HARRY HOPE BLOIS is teaching in Morris street school. He was most guileless in demeanour and had a very dulcet voice. He plunged into philosophy deeper than ever plummet sounded, and wrestled with the classics.

So did ALFRED EDWARD DAVISS, whose nature it is to scale Olympian heights. Ergo his proper name "Climber." He knows less Latin than when a Freshman he took charge of the first Latin class, *Howardo absente*. Know *thysel* is his favorite maxim. He continues to take classes in philosophy with us.

To what class JOHN ALEXANDER BRADLEY originally belonged no one knows. At any rate he graduated with '03.

JAMES BEARISTO CARR mysteriously dropped into the class in its third year. Carr was an easy going, reticent sort of chap, but much liked by those who knew him.

ENOS CHARLES LOCKE was the "kid" of the class, but though young in years he was old in wisdom. This year finds him numbered among the outlaws of the North Wing.

ALEXANDER KERR ROY entered College in the second year, and throughout his course remained a steady upholder of the H. L. C. He is teaching in Sheet Harbour and intends coming back next year for medicine.

GEORGE WILLIAM LOUGHEAD was another of the quiet men of '03. He intends going West.

DANIEL MURRAY SMITH intends to cultivate the muses on a little oatmeal, and will make farming his life-work.

ALEXANDER MCGILLVRAY YOUNG and LUTHER YOUNG were cousins, but alike only in that they were both football players. "Gillie" was a most successful financial editor of the GAZETTE, and Luther was President of the Y. M. C. A. in his senior year. "Gillie" will study medicine, while Pine Hill will claim Luther, as it will also Hugh MacMillan Upham.

WESLEY HERBERT COFFIN has gone across the way to the Medical College. His beaming, paternal countenance is often seen in our corridors.

JAMES MALCOLM "the Great Chief" led the football team of 1902 to victory. He won distinction and a prize in the social field as well. Pine Hill claims him this year. Everybody will be glad to see Jimmy back in his old place in the forward line.

GUILFORD ROMEO MARSHALL we saw little of. As far as can be known he never did anything to justify his name.

CHARLES WINFIELD MATHESON, familiarly "Rory," was known for his loud boots, his "silly smile" and his long hair. He has gone West, where he will probably take up journalism and instil a proper notion of Pol. Econ. into the minds of the people.

JOHN GEDDIE MEEK had as his motto "to thine own name be true." He has left the straight and narrow path that leads to divinity and will probably go into medicine.

GARNETT GLADWIN SEDGWICK, was a great success as a student, as Editor-in-Chief of the GAZETTE and socially. He had a fine sense for the beautiful, and spent more time in conning over the choral odes of Sophocles and less time on Goodwin than he ought to have done. Nevertheless he got his High Honours in Greek and English. He is teaching twenty and odd 'ologies at Oxford, N. S.

GILBERT SUTHERLAND STAIRS had none of that excessive busyness which is the sign of deficient vitality. Though inclined to take life leisurely, he was an excellent student. He was also a good athlete, and a good fellow—how good not many knew, for Gib. did not use "to stale with ordinary oaths his love to every new protester." He is studying law at Harvard.

The Science men were a quiet, studious lot, with the exception of HUNTLY GORDON, who made noise enough for them all. Hunt. was one of the best liked men in the College. W. H. Ross seldom forsook the "quiet" seclusion of the "little lab."; hence his High Honors in Chemistry and Chemical Physics. He is back again this year as an assistant to the Professor of Chemistry. L. B. Elliot was little known outside of the class-room. J. A. Ferguson is now a Freshman in medicine. E. K. Amberman, after taking three years of his course at Acadia, thought better of it and finished at Dalhousie.

The Class of 1903 (Medicine)

The medical graduating class of 1903 contained two ladies, Miss Mina May Austen, M. A. Dal., and Miss Grace E. B. Rice, B. A. Dal. They were both good students, standing high in their classes. It is worthy of note that they were the only college graduates in their year. Dr Austen is practising in this City. Dr. Rice is in a hospital in South Framingham.

LESTER BREHAUT was from "The Island". He was a good all round man. Although somewhat reserved, he was to those who knew him a jolly good fellow. Dr. Brehaut is practising his profession at Murray River, P. E. I.

MELVILLE COFFIN came from "Savage Harbour" but he was as mild tempered a man as "The land of the potato and oatmeal" ever produced. He has gone west.

DONALD McNEIL CRAWFORD was also an Islander. He is now attending to the duties of his profession in Wood Islands, —and is getting "Stout".

R. W. L. EARLE, although he boasted of St. John, hailed from Hampton, New Brunswick. He did as much talking as any man in his class. He is now telling what he knows in his native Province.

JOHN FREDERICK LESSEL belongs to Halifax. He was a quiet fellow and an exceptionally good student. In spite of his severe illness in his final year he stood well in his Exams. He may now be found in the Victoria General.

THEODORE RUPERT FORD came from Milton, Queen's Co. Since leaving us he has been very successful financially.

HARVEY DAVID HAWBOLDT is a Lunenburg boy. He took an active interest in athletics, but did not allow this to interfere with his studies. He is now making pills in Stewiacke.

W. A. LAWSON was an ardent admirer of Lauder Brunton. He was particularly enthusiastic over the properties of Bland's Pills. He could also "place" almost all the preparations of the B. P. He was a hard plugger and always stood well in his classes. Chemistry specially interested him, and he knew almost all there was to know about the precious metals, gold, silver and copper, including their purchasing power.

KENNETH ANGUS McCUIISH was of a peaceful disposition. Class screams and college yells moved not his blood, nor disturbed the serenity of his mind.

JOHN ANGUS MACIVOR was a "holy terror" in a scrim. Dr. MacIvor has hung out his shingle in Baddeck, the shire town of Victoria Co. and is dealing out Paregoric to the unfortunate infants of that locality.

KENNETH ALEXANDER MACKENZIE is a Spring Hill boy. After doing excellent work in Pictou Academy, he came to the Halifax Medical College, where he had little difficulty in taking first place in his classes. He obtained the Frank Simson prize and led both the Primary and Final M. D. C. M. Exams. Dr. MacKenzie is now a house surgeon in the V. G. H.

JOHN CHARLES MORRISON came here from "Cape Breton over," and during his four years course was a general favorite. He assists his brother, Dr. M. D., who is colliery doctor for Dominion No. 1, C. B.

DANIEL MURRAY, a native of Pictou county, quickly displayed those qualities of mind almost inseparably connected with his early "oatmeal and shorter catechism diet." He is now practising in Pictou town.

The name JACOB LESLIE POTTER familiarly known as "Jake," is synonymous with football. He was always "ready at the whistle's call" to play a good game in the Dalhousie forward line. He was as much at home and did as good work in the Exam. hall as on the football field. Dr. Potter is now in the V. G. H.

GEORGE WATSON WHITMAN is one of Guysboro's sons. During his entire college course Whitman took an active interest in the Medical Students' Society, being President during his graduating year. He was a good student and we bespeak for him a successful future.

EDMUND BAMBRICK NORWOOD was "the sweet singer of the Medical College." His deep base voice was often heard to good advantage in the popular ditty "The Bullfrog in the Pool." He is now writing prescriptions for the South Shore Railway Co.

EDWARD EGBERT DICKEY, "the man who looked like Laurier," was more the slave of his pipe than of his studies. Dr. Dickey has settled in Wolfville.

FRANK VALENTINE WOODBURY, of Halifax, was a great favourite with the gentler sex. He is now making money in Newfoundland.

Football.

A FOREWORD FROM THE CAPTAIN.

All true-hearted Dalhousians have rejoiced, of recent years, at the achievement of the boys in yellow and black. But behind many a joyous countenance broods the memory of a time when Dalhousie, through much misfortune and some fault, lost the trophy more than once. Proficiency in the English game of Rugby can only be attained by continued practice. Indirectly the Inter-class Foot-ball League has done much for Dalhousie in this respect. This season exceptionally good form has been displayed in many of the class games. But this is not enough. Conscientious training to perfect his physical condition must be undertaken by each individual player. That the same system of training will suit all constitutions it would be folly to advance, but the ground work of training is regular diet and steady exercise. These selected to play on the Senior and Junior teams, having the honor of their Alma Mater at stake, should need no other incentive to turn out promptly for team practices twice a week. Individual play—scintillate though it may with brilliancy—will go down before combined team-play. Thus may we prove ourselves worthy of the loyal support of every Dalhousian, and make the football season of 1903 memorable in Dalhousie's annals, for its good, clean-cut, aggressive football.

HENRY ALAN DICKIE.

INTER-CLASS LEAGUE

The score for the first 5 games of the series is as follows :

Law vs. Medicine,—0-0.

Law vs. Arts and Sci., '05 and '07,—3-0.

Med. vs. Arts and Sci., '04 and '06,—0-0.

Arts and Sci., '04 and '06 vs. '05 and '07,—3-0.

Med vs. '05 and '07,—4-3.

The games have been close and hard-fought as the scores show, and the team that wins out will have no walk-over.

A practice game was played on the "Campus" between the Navy and Dalhousie on Friday, Sept. 25, resulting in a victory for the College with a score of 16-0. Dr. D. G. J. Campbell refereed.

SENIOR LEAGUE SCHEDULE.

Oct. 1st—Army vs. Navy.

" 3rd—Wanderers vs. Navy.

" 10th—Wanderers vs. Dalhousie.

" 14th—Dalhousie vs. Army.

" 17th—Army vs. Wanderers.

" 21st—Navy vs. Wanderers.

" 24th—Dalhousie vs. Navy.

" 28th—Wanderers vs. Army.

" 31st—Navy vs. Dalhousie.

Nov. 4th—Navy vs. Army.

" 7th—Army vs. Dalhousie.

" 14th—Dalhousie vs. Wanderers.

In each case the team, whose home game it is, is named first.

The Wanderers grounds have been again secured for the College home games and as in former years a stand has been erected on the north side of the field, where Dalhousians will assemble and cheer their teams on to victory. And just here a word about the cheering. There is a great need of organization in this respect. Independent "yells" start up from different parts of the stand and the result is confusion. Let a leader be appointed to give the signal to start the cheering, and let the "yell" be given unitedly, heartily—and at the right time.

College Notes.

Y. M. C. A. LECTURE COURSE.

Oct. 11.—Rev. H. F. Waring; chair., Pres. Association,—
"Who Was Christ?"

Oct. 25.—Rev. Pres. Trotter; chair., Dr. Forrest.—"Theology
as a Study for Laymen."

Nov. 8.—Ira Mackay, Ph. D.; chair., Ex-Pres. L. L. Young.—
Subject to be announced.

- Nov. 22.—Rev. P. M. MacDonald; chair., Dr. D. A. Murray.—
“Love Thou Thy Land.”
- Dec. 6.—Dr. J. E. Woodman; chair., Prof. J. Liechti.—“Con-
structive Imagination.”
- Jan. 17.—Rev. Clarence MacKinnon; chair., Dr. E. Mac-
Kay.—“True or Othodox?”
- Jan. 31.—Rev. Pres. Forrest; chair, Dr. Weldon.—Subject to
be announced.
- Feb. 14.—Rev. Gordon Dickie; chair., Dr. A. MacMechan.—
“A Basis for Faith.”
- Feb. 23.—Rev. M. A. MacKinnon; chair., Prof. W. C. Mur-
ray—Subject to be announced.
- Mar. 13.—J. H. Sinclair, LL. B.; chair. Prof., Howard Mur-
ray—Courage.
- Mar. 27.—Rev. W. D. Moss; chair., Prof. S. Dixon—Subject
to be announced.

D. A. A. C.—The first meeting of the D. A. A. C. was held in the Munro Room Thursday evening, October 1. A communication from the Wanderers was read, offering their grounds for the league games. It was decided to accept this offer on the condition that a bleacher be erected for Dalhousie students, but the final answer was left in the hands of the Executive. It was further resolved that all first fifteen men who shall have played two games in the Halifax senior league, one being a match game, shall not be eligible for a place on a class team. The matter of jerseys was brought up by the President and discussed. The executive were asked to get prices from Canadian houses for extra jerseys. W. K. Power gave notice that he would bring up for discussion at the next meeting an amendment by which the members of the Executive should be nominated by ballot. H. A. Dickie then gave notice that he would introduce a resolution providing for a sinking fund for the purchase of a football field for Dalhousie.

Mr. G. M. J. McKay was elected Treasurer in the place of Mr. G. S. Stairs. In appreciation of his services, a vote of thanks to Mr. Stairs was passed by the club, and the Secretary was instructed to convey the same to him.

U. S. C.—The first meeting of the University Students' Council for the session of '03-'04 was held in the Munro Room

on Friday afternoon, October 2. Messrs. Brunt and MacLean were elected to fill vacancies on the Reading Room Committee, caused by the absence of Messrs. Fraser and Morrison. It was decided that a tax of ten cents should be levied on each student to defray the expenses of the Reading Room. Meeting then adjourned.

LAW STUDENTS' SOCIETY.—The first meeting of the Law Student's Society took place Sept. 10th, with Vice-President Dickie in the chair. Mr. McLeod was appointed Secretary pro. tem.

After the reading and adoption of the minutes of the last meeting, the following officers were elected for the ensuing year:

President—J. A. Redmond.

Vice-President—B. Roscoe.

Sec.-Treasurer—B. S. Corey.

Executive Committee { G. O. Cheese,
W. M. Foster.
B. Graham.

Messrs. Miller, Carroll and Eager were elected as a committee to look after the interest of Law in football matters. Meeting adjourned *sine die*.

MOCK PARLIAMENT.—The Parliamentary session for '03-'04 opened Saturday evening the 26th ult. The Cabinet was made up as follows:

Premier and Min. of Finance—The Hon. G. O. Cheese.

Min. of Justice—The Hon. G. Harrington.

Secretary of State and Min. of Public Works—The Hon. W. F. Carroll.

Min. of Customs and Inland Revenue—The Hon. J. McK. Cameron.

Min. of Agriculture—The Hon. D. McLennan.

At the request of the speaker, the Hon. R. Trites, the policy of the new Government as embodied in the speech from the throne was set before the people's representatives by the Premier.

The Min. of Justice in a speech highly complimentary to the members of both sides of the House, moved the adoption of the Government policy, which was seconded by the Min. of Agriculture.

In reply, the leader of the Opposition, the Hon. member for Northumberland (Mr. Daviland) scored the Government severely for their dilatoriness in not calling Parliament together earlier, and made a vigorous attack on their new policy.

After a general participation in the debate, a motion to adjourn was carried unanimously.

Very few vacant seats were noticeable, especially on the Opposition benches, and the interest evidenced by the members betokens a brilliant session.

THE MEDICAL SOCIETY.—On Friday evening, Sept. 25th, the Medical Society held its first session. The students present evinced a lively interest in the proceedings. E. B. Blackadder, '05, was chosen chairman pro. tem., after which the following officers were elected. President, F. W. Jardine, '04; Vice-President, Miss Mary MacKenzie; Treasurer, D. K. McRae. Committees were then appointed as follows: Executive. A. F. Miller, '04; Jas. A. Proudfoot, '05; Stanley MacDonald, B. A., '06; and P. McF. Carter, '07. The following were elected as members of the Entertainment Committee: E. Blackadder, M. A. '05; Miss Jemimia MacKenzie, '05; A. F. Miller, '04. Other business was left over, to be taken up at the next meeting. The Society plans to meet fortnightly alternately with Sodales.

The Y. W. C. A. and Y. M. C. A. were "At Home" to the students of the University on Friday evening, October 2. Mrs. Forrest and Mrs. Woodman assisted by Miss Burris ('04) received the students in the Arts Library. Several solos were given, refreshments were served, and the singing of the National Anthem brought to a close a very enjoyable evening.

The annual "At Home" given by the Y. W. C. A. and Delta Gamma to the new girls, was held Saturday afternoon, September 26. The ladies' waiting room, gaily decorated with autumn leaves, nasturtium and golden rod, presented a pleasing and cheerful appearance. Oh! that it could be ever thus! The presidents of the two societies received. There were about 70 present, including professors wives, graduates and undergraduates, who joined in welcoming the new girls to our college.

Y. M. C. A.—There is a new departure this year in the method of Bible study. Instead of a number of small classes led by students, Dr. Falconer will conduct a class at 4 o'clock on the Sunday afternoons, on which no lectures are held. Subject: "The Dynamic of Apostolic Christianity." All students, whether members of Y. M. C. A. or not, are cordially invited to attend.

ARTS STUDENTS' SOCIETY.—The Arts Students' Society met in the History Room on Monday afternoon, October 5. After some discussion it was resolved that the society should meet in Professor Liechti's room on the Monday following Sodales, at 5 in the afternoon. It was further decided that a week's notice of each meeting should be given, and the president was empowered to name the speakers for the next debate at the close of the preceding one. The subject for the first debate was then announced: "Resolved that it would be to the interests of the Maritime Provinces to be amalgamated." Messrs. Barnett and Forsythe were nominated to speak in favor of the resolution, and Messrs. Baillie and Cumming against it.

Alumni Notes.

With deep regret the GAZETTE records the death of William Roderick McDonald, LL. B., '02. A year ago he paid us a visit on his way to Colorado, where it was hoped the dry climate would ward off the consumption that he feared. But in vain. He returned from the West in August, and in the course of a few weeks died at his home in Guysboro. McDonald was a big-hearted, loveable chap, and probably the most popular man in his year. Dalhousie will not soon forget him.

Another death that came as a shock to Dalhousians was that of Robert Underhill Slayter, formerly of the Medical class of 1904. Slayter took an active part in College life and athletics, and was well-known as a member of the football teams of 1900 and 1901.

C. V. Christie, M. A., is again in College. "Clarie" aims this year to gather in the few remaining subjects of the courses.

Miss Wilhelmina Gordon, formerly of Arts, '04, is completing her course at Queens. The GAZETTE has lost a most enthusiastic editor.

D. W. McKenzie, B. A., '00, and L. B. McKenzie, B. A., '01, were about the College during the first week of the session, renewing old acquaintances. "Friday" and "Dave" are both studying medicine in New York.

Rev. R. G. Strathie, '95, has resigned his congregation, St. Andrew's church, Truro, to study in Scotland.

Two members of the class of 1902, George H. Sedgewick and Kenneth F. McKenzie, have gone to Toronto to study law at Osgoode Hall.

James S. Layton, B. A., '95, and late of Med., '04, has been appointed Principal of Digby Academy.

W. Roy McKenzie, M. A., is taking a graduate course at Harvard.

Jean A. M. Gordon, B. A., '02, is teaching in Truro Academy.

John L. Fawcett, LL. B., '99, formerly of Hartland, N. B., is practising law in the North-West Territories.

J. H. Smith, formerly of Arts, '06, is attending Normal School in Regina.

It is regretted that W. C. Robertson, of Law, '04, has been compelled to discontinue his course.

L. M. Crosby, M. D., '01, was in Nova Scotia in the Summer. He is making encouraging progress in Boston.

W. M. Gould, B. Sc., '01, is in the Science School at Harvard.

L. E. Borden, B. A., '99, M. D., '02, is one of the two surgeons accompanying the government exploring party in Hudson Bay.

J. C. O'Mullin, LL.B., '99, is the Liberal-Conservative candidate for one of the Halifax seats in the House of Commons.

Bennett H. Armstrong, LL. B., '80, author of a Digest of the Nova Scotia Supreme Court Reports from 1890 to 1900, has given up the practice of the law and betaken himself to farming in the Southern States.

On September 23, Rev. J. K. Fraser, B. A., '89, pastor of the Second Presbyterian church in Charleston, S. C., was married to Miss Isabel Clark, of Alberton, P. E. I.

On Wednesday, October 7th, the marriage of Mr. Arthur S. Barnstead, B. A., '93, LL. B., '95, to Miss Louise Putnam, took place at the residence of the bride's father, Mr. A. Putnam, ex-M. P., South Park Street, Halifax. The GAZETTE extends congratulations.

George A. Hutchinson, formerly of Law '03, is now the junior member of the law firm of Hewson and Hutchinson, Moncton, N. B.

Rev. Edward E. Annand, B. A., '93, has succeeded to the pastorate of Coburg Road Presbyterian Church, Halifax, made vacant by the resignation of Rev. J. D. MacKay, B. A., '94.

D. G. J. Campbell, M. D., C. M., '02, is taking a post-graduate course in Baltimore.

Dallusiensia.

SCENE I.

President's office 10 a. m.

Enter the President at one door and Freshie W—ts—n at the other.

W—ts—n—Please my lord, may the Freshmen have their pictures taken to-day.

L—rd J—hn—Run away, run away, my little man! We'll see all about that in *our* class meeting.

SCENE II.

Munro Room, 11 a. m.

Enter L—rd J—hn with a great retinue of Freshmen.

L—rd J—hn—My confidant and adviser, Dr. Clarke, has warned me that it would not be advisable for you to have your picture taken to-day, since McR—t—hie has on his Sunday necktie. Just leave it to the Doc. and me. We'll see about it. Too bad though that the little girls went down to the studio.

SCENE III.

The Campus, 12 a. m.

Enter from one side a band of Sophs, from other side a motley throng of Freshmen. Fierce scrim ensues. Enter L—rd J—hn from centre.

L—rd J—hn (to Freshmen during lull in scrim.)—Oh babes and sucklings, you will bring down my grey hairs with sorrow to the grave.

Freshmen—Father, we stand condemned. We throw down the gage.

[Exeunt Freshmen amid much cheering af Sophs.]

Dean—“Now class, what do you think of the constitutionality of the Act under discussion in the case of Dame Julie Belisle vs. St. Jacques?”

Eagar, J.—“Well, Doctor, how old was Julie Belisle.”

Congratulations to the lucky Freshman, J. R. M—l—r, who secured two young ladies for his first topic. How about the last one, Johnnie?

Professor—“Give me a few examples of a Tort.”

Freshie from Queens—“Chewing gum on Sundays, drinking ardent beverages on any day, murder with malice aforethought, and things like that.”

Dean H—w—d—“Are you going to see Faust this evening?”

Prof. Dannie—“Great Scott! No. I'm dead broke. On the hog you know.”

The Dean—“Come along with me old man. I took in five twos to-day.”

Nothing that is material can be in two places at the same time.

“The Mystic Alex” can be in two places at the same time. Therefore “The Mystic Alex” is immaterial (except in his own mind.)

Dean—“Under the provisions of the B. N. A. Act who has control of the public harbours?”

Chapel—“Dunno, but the fish in the harbours belong to those who first catch them—*ferae naturae*, rabbits for example.”

First Freshman—“Say! I've had fourteen ice creams this evening!”

Second Freshman—“You did!! Why I've had only four!!!”

Young Lady (on introduction committee)—“Is your topic card filled Mr. ———?”

Mr. ——— (Freshman)—“Yes, I'm sorry Miss, but I know another nice fellow and I'll introduce you to him.”

A wounded foot-ball hero lies prostrate. A fourth year Medical approaches boldly. After a moment's examination through a thick jersey, he turns to the smaller fry and gaping laity, saying:—

“Fracture of the tip of the acromion process, gentlemen; piece broken off, about the size of a dollar, dollar and a half, or two dollars.”

Student of Bellevue, N. Y. standing by. “Gee, Whiz: if we could only do it that quickly in New York!”

Query—What did Hogan say?


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Gentlemen,—I beg to put on record my appreciation of the first-class training I received while a student at your college, due largely to the unflinching patience and energy of the teaching staff and the excellence of the books used.

I have no hesitation in saying that I have never regretted giving up a position where the remuneration was small and the chances poor, and taking a course at the Maritime Business College, as after finishing same the greatest difficulty was to know which was the best position of many open, to take, not where to find one.

With best wishes, I remain,

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