



The Manitoba Professional Engineer

Published by the Association of Professional Engineers of the Province of Manitoba
418 — 265 Portage Avenue, Winnipeg 2, Manitoba

Vol. 1

WINNIPEG, MAN., SEPTEMBER, 1956

No. 2

FORTY PERCENT INCREASE IN MEMBERSHIP

The Association of Professional Engineers of the Province of Manitoba is fast becoming one of quantity as well as quality. At the meeting of Council held on August 9th, 141 new members were admitted.

At the time of publication of the last issue of *The Manitoba Professional Engineer*, there were 677 members. At the present time membership stands at 809.

Since the beginning of 1951, this Association has received 639 applications for membership and 285 of this number have been received this year. Since January, 1951, 559 members have been admitted, and of this number 247 were admitted during the first eight months of 1956. It is hoped that by the end of 1956, this Association will have registered as many members in the one year as were registered in the last five years put together. This will re-

quire another 65 members, and there are now on hand 21 applications which will be presented to Council at its next meeting.

The following table indicates the number of applications received in each year since 1951, and also the number of members admitted to the Association.

Year	Applications Received	Members Admitted
1951	64	57
1952	80	74
1953	54	46
1954	62	58
1955	94	77
1956	285	247
TOTAL	639	559

In spite of the fact that the most recent membership drive took place during the sum-

mer months of July and August, the campaign was successful. This was due in large measure to a group of members of this Association who took time out from such activities as golf, tennis and mowing the lawn, to assist with the drive, and also to the co-operation of the new members, who found time in their busy summer schedules to complete application forms. One engineer even took time out from his vacation to complete his form and wrote on the bottom of the first page, "Completed at Victoria Beach."

The opening of a permanent office has contributed to the increased activity in the Association. The office receives several visitors and many telephone calls each day.

The goal of 1,000 members does not now seem to be such a distant horizon.

'46 ENGINEERS HOLD REUNION

By Eric Bergenstein



The above picture was taken at the "stag" held this summer by the class of 1946. Standing (left to right): Sid Halter, Ernie Scott, Ralph Morris, Bill Ousman, Bill Porter, Eric Bergenstein, Jake Karlinsky, Bill Gow, Joe Sniezek, Gordon MacLean (a visitor), Bill Jex. Kneeling (left to right): Fred Kuzyk, Arch Livingstone, Ed Nunn, Saul Feldman. Sitting (left to right): Harvey Harding, Don Brown, Kent Matheson, Ed Tidholm, Jack Halter.

After 10 years, since their graduation and break-up, the 1946 engineers' class held its first reunion in Winnipeg this summer on August 1st and 2nd. It was acclaimed a great success by all the class and faculty members who attended, and may well be the forerunner of similar functions by other classes.

The program commenced with a dinner on August 2nd, in the private dining room of a local restaurant, attended by all the grads and their wives, together with five members of the faculty who taught in 1946, with their wives. After the dinner each arose and gave a brief account of his career, both professional and

domestic, and there were many hilarious stories told. The faculty members joined in, too, with their reports.

The party broke up at 11 o'clock to move out to Jack's restaurant, where it continued until three. It adjourned briefly to convene again in Chinatown, from where the 46'ers straggled home at 5 a.m.

Next day the class and their wives and children met at the Fort Garry campus and were conducted on a tour of the fine new engineering building and facilities by Dean Macdonald and Professor Hall. A lunch was enjoyed in the cafeteria and the party continued

on the grounds where children's races were run.

That evening a stag party was held at a local hostelry and the reminiscing got seriously under way. While many had made plans to see the dawn in, they found the years were taking their toll and by 1:30 a.m. all was quiet and the reunion was over.

All who attended enjoyed themselves immensely and many were seeing classmates and getting news of them for the first time in 10 years. Almost all are married, and the families range in size from one to four.

The passing on of one classmate, Bruce Collis, and one faculty member, Prof. Reg. Love, was marked by a minute's silence at the Wednesday dinner.

It is safe to say that the first 10 years have been good to the boys of '46, and all have made a fine start in their careers. Only a few have not held two or three positions. All look forward to the next reunion of the class, which will be in 1966, if not sooner.

Those present from out of town were: Frank Arnason, Gimli; Eric Bergenstein, Fonthill, Ont.; Bill Gow, Fort Frances; Paul Greenfield, Los Angeles, Calif.; Sid Halter, Port Arthur; Jack Halter, Red Rock, Ont.; Arnie Hoffer, Erie, Pennsylvania; Bill Jex, Peterboro; Arch Livingstone, Toronto; Kent Matheson, Yorkton; Ed Nunn, Minneapolis; Bill Ousman, Los Angeles, Calif.; Bill Porter, Barrie, Ont.; Joe Sniezek, Kenora; Ed Tidholm, Oklahoma City. Those present from Winnipeg were: Sam Block, Don Brown, Saul Feldman, Harvey Harding, Jake Karlinsky, Fred Kuzyk, Ralph Morris, Ernie Scott, Cece Yan.

Local arrangements were under the capable direction of Ernie Scott and his committee.

Faculty members present at the dinner were: Dean Macdonald and Professors Hall, Herriott (retired), Hoogstraten and Riddell. Dean Fetherstonhaugh was out of town and could not attend, but sent his regards.

Published by the Association of Professional Engineers of the Province of Manitoba
418 — 265 Portage Avenue, Winnipeg 2, Manitoba

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Vice-President — N. S. BUBBIS, P. Eng.

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The Manitoba Professional Engineer is published under the direction of the Bulletin Committee,
A sub-committee of the Public Relations Committee.

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Associate Editors — E. M. SCOTT, P. Eng.; D. E. HAIG, P. Eng.

H. C. G. LIGERTWOOD, P. Eng.

It is with deep regret that we record the passing of Henry Cormack Grant Ligertwood on September 19, 1956. Mr. Ligertwood was born on September 23, 1896, in Aberdeen, Scotland. He came to Winnipeg in 1911. In 1915 he joined the Greater Winnipeg Water District as chairman. During the First World War he served with the Royal Flying Corps. After the war he returned to Winnipeg and attended the University of Manitoba, receiving the degree of B.Sc. Electrical Engineering in 1923. He joined the staff of the Winnipeg Electric Company in 1926 and was employed in Great Falls at the time of the extension to the generating station on the Winnipeg River. When construction began on the Seven Sisters generating station, Mr. Ligertwood was moved to that location, where he remained until construction was completed in 1941. He was

resident construction engineer at Seven Sisters generating station and was in charge of repairs to dam structures from 1948 to 1954, at which time he came to Winnipeg and was latterly in the position of special projects engineer in the Engineering and Construction Division.

During his youth, Mr. Ligertwood took an active interest in sports, particularly tennis, hockey and football and he has always maintained a strong interest in football and hockey. He was very active in community affairs in the Seven Sisters, Whitemouth and Beausejour area. He was a member of Fort Garry United Church and was immediate past master of the Ophir Lodge A.F. and A.M. at Beausejour.

Mr. Ligertwood was friendly and amiable and was held in high esteem by his business acquaintances and friends. Our heartfelt sympathy is extended to his wife, Margaret, and his son, Grant.

"P. ENG." -- USE IT"

By G. T. Christie, P. Eng.

The thought-provoking letter to the editor, dealing with the apparent shyness of most engineers to use their professional letters behind their signatures, is worth additional investigation.

Webster defines profession as "the act of professing; open declaration or avowal; calling or vocation, especially one that requires a good education; collective body of persons in a profession."

The reader, therefore, should take it upon himself to analyze the situation in a personal manner. Here is an individual who "professes" to be a qualified engineer. He has undertaken the required educational training, which in turn is a recognized standard for his branch of the work, and possibly he has gone further with post graduate courses. He is working in a branch of work, which is included in the professional definition as outlined in the Engineering Act, and, after having had the minimum term of practical experience following his University graduation, he has registered with the Association as a professional engineer.

This sequence of events fits the above definition very well except for one of the several points noted, and that is "open declaration or avowal."

Our letter-writing friend has turned this stone over in an attempt to disturb the moss. Why not use that "P. Eng." suffix with your name, after going through the preliminary motions? Modesty is not at stake because the designation is not one of singular consideration particularly, but rather one of minimum definition, and therefore a minimum guarantee to others that said individual's qualifications are not self defined.

Modesty in this case is analagous to any other adjective which could describe a person, good or bad, and while professional associations subscribe to codes of ethics, they cannot be held responsible for those members who operate outside the normal bounds of proper endeavour. (Obviously one would not be a member long if malpractice were reported and substantiated).

Hence, "P. Eng.", as with "M.D.", describes professional standard to a minimum, and should be looked upon, not so much as a personal achievement, but as a reliable assurance against unqualified persons being involved in performing a professional work.

Don't stop at owning it. Use it!

VISITOR

An out-of-town visitor to the Association office during the vacation season was Tom Lamb, formerly of Winnipeg, and now resident in Calgary.

C. C. A. FELLOWSHIP

The establishment by the Canadian Construction Association of a \$2,000 fellowship to be offered each year for post-graduate study in construction was announced by President A. Turner Bone of Montreal. The fellowship will supplement C.C.A. awards to senior undergraduate engineering students at Canadian Universities.

Mr. Bone said that it was hoped that the fellowship would not only be a contribution to assist advanced study in the increasingly complex construction field but might also serve to encourage the establishment of such courses in Canada. "The commencement of a post-graduate course in highway engineering in 1957 at the University of Alberta will be additionally welcome as a step in this direction. At the present time, however, specialized courses in building construction or construction engineering are not available at any of our universities. Canadians have to go to the United States or other countries for them and frequently remain upon their completion outside of our country.

"Applications may be made by engineering graduates of a recognized university who are Canadian citizens and who have had at least three years employment in some phase of construction operations since graduation. Fellow-

ship winners may attend the university of their choice, provided that it meets with the approval of the C.C.A. Selection Board."

Application forms are available from the Canadian Construction Association, Construction House, 151 O'Connor Street, Ottawa 4, Ontario.

PLEASE CHECK

Please check your name, initials, address and status (if any) in the Engineering Institute, on the front of this publication. If there are any errors or omissions, particularly in the E.I.C. status, please bring them to the attention of the office — telephone 93-6745. It is most important that the correct status of all joint members be established before the end of the year.

EMPLOYMENT

The office has received several inquiries from organizations seeking the services of engineers — mechanical, electrical and civil. Records are kept in the office of available positions. Any member of the Association who wishes to investigate any of these opportunities may do so by calling at the office. All inquiries will be treated as confidential.

LETTERS TO THE EDITOR

Members are urged to express their views through the columns of this publication. All letters to the editor should be signed, although the name will be withheld from publication if the writer so specifies. The editor reserves the right to edit all letters, although every effort will be made to preserve the original meaning. The following are excerpts from letters received after publication of the first issue:

"I have heard ever so many complimentary remarks regarding the recent issue of *The Manitoba Professional Engineer*. It should definitely assist the Membership Committee in obtaining new members."—R.S.W.

"I feel that the publication was too light and frivolous in tone, and that future issues should be of a more serious nature."—W.G.C.

"May I offer my congratulations to the Council and to its Public Relations Committee on the publication of the Newsletter, a project for which there has been need for many years. I hope that it will be possible for it to appear with unflinching, even though sporadic persistence."—P.B.G.

"I wish you lots of luck in your new endeavour. Keep up the good work and let's make a go of it this time."—D.M.S.

"Best wishes on the success of your new publication."—P.C.W.

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PROFESSIONAL STATUS

The Editor,
Dear Sir:

Discussions of the professional status of the engineer invariably lead to comparisons with the status of the medical doctor and the lawyer.

In the best sense of the phrase, the engineer has achieved professional status. In the matter of public recognition of his status, the engineer is lacking.

To the layman "doctor" means an M.D., "lawyer" means an LL.B. No lawyer or doctor would intentionally omit his qualifications from professional correspondence.

Engineers, on the other hand, seem to have an aversion to mentioning their qualifications. Perhaps the notation "P. Eng." on a business card or letter is considered to indicate a lack of modesty — a vulgar parade of qualifications.

A layman, client, or employer, is likely to conclude that the engineer has little respect for his own licensing authority.—P. Eng.

MEET YOUR COUNCIL MEMBERS OUR AMBITIOUS PRESIDENT

It is difficult for one who is acquainted with the Hoogstraten family to divorce any member of the family from the others for singular consideration. Jack Hoogstraten, who is serving his second term as President of this Association is essentially a family man. The Hoogstraten family is much like the Anderson family of television's "Father Knows Best", and Jack has much the same problems in trying to prove that he knows best. His wife, the former Margaret McIntyre, was "the girl next door" and Jack finally convinced this warm-hearted, vivacious girl that she should marry a poor, struggling school teacher in 1935.

Jack Hoogstraten graduated from the University of Manitoba in 1929. He was a lecturer and demonstrator in the Faculty of Engineering from 1930 to 1933. He attended the first class of the School of Education at the University of Manitoba and received his Bachelor degree in 1934. In 1930 Jack won second prize for a bridge design in a competition of the American Institute of Steel Construction.

Jack taught Physics and Mathematics at Brandon Collegiate in 1934 and 1935 and returned to the University of Manitoba as a Lecturer in 1936. He is now a full professor in the faculty of engineering. Jack received his Master's degree from the University of Michigan in 1940.

Jack is one of the most popular faculty members at the University. He is a favourite among the engineering students, who attest to his ability as a real "teaching" professor.

The Hoogstraten home is like an open fire in the hearth on a cold day — warm and cheer-

ing with a few intermittent crackles. The crackles are uttered by Jack, who is currently coping with the problem of raising a teen-age boy and girl. He feels it his duty to explain to 13-year-old Joanne that she must apply herself more diligently to her studies or her grades will not be good, and Joanne listens attentively, continues on her merry way, and stands at the top of her class.

John Hoogstraten, Jack's 6-ft. 2-in. son, now drives the family car and naturally feels that some of the engagements for which he needs the car completely outweigh his father's in importance. In fairness to the Hoogstraten children it must be said that they listen patiently to the advice of their "old-fashioned" father and generally follow it. John and his father are the closest of friends and seldom disagree about anything except the family car, whether or not John should get a hair-cut and who is going to take the first shot at a flight of passing ducks. John does have some difficulty in trying to convince his father that the utmost care ought to be exercised when parking the car, in order not to scuff the white wall tires.

Members are aware of the progress made by this Association during the time Jack Hoogstraten has been President. The Association has moved its offices from Charlie Landon's home to a well-equipped office in the Avenue Building. A permanent secretary has been engaged, one, who contrary to Nick's cartoon, does wear her shoes in the office. When Jack Hoogstraten first became President in January, 1955, membership stood at 544. It now stands at 815. This Fall the Association began publication of this

newsletter. Jack, in his modest way, would be quick to state that a good deal of the credit for all this achievement belongs to Charlie Landon. Actually it belongs to both of them. A strong bond of friendship has grown up between the two. The mutual respect they hold for each other is evident, even when they entertain divergent views on the same subject. They work well together for the benefit of this Association and it is perhaps unfortunate in this one instance that the by-laws will not permit Jack Hoogstraten to serve a third term as President next year. He has, however, set a high standard for future presidents to follow.—D.M.L.

◆ ◆ ◆ SCHOLARSHIPS

Congratulations to R. P. Bukata and D. A. Schick, each of whom was awarded this Association's scholarship in the amount of \$100.00.

◆ ◆ ◆ ENGINEERS IN TRAINING

Twenty-two engineers in training have been enrolled since the first of 1956.

◆ ◆ ◆
R. S. Williams, P. Eng., reports that he has received a letter from Larry Kay, who is at present in New Delhi, India. Mr. Kay advises that he and his wife are finding the country very interesting, but that some of the customs are a bit strange. Until quite recently the maximum daily temperature did not drop below the 100 degree mark. Mr. Williams suggests that we try to pipe some of that hot stuff over to this part of the world.

AN ENERGETIC CITIZEN

L. A. (Len) Bateman, P. Eng. was born and educated in Winnipeg. He received the degree of B.Sc. E.E. from the University of Manitoba in 1942 and his Master's degree in 1948. He joined the staff of City Hydro in 1942 and now holds the position of Superintendent in Charge of Production. Len married the former Eileen Campbell in 1943 and is now the proud father of one boy and two girls.

Len gained fame for himself in Manitoba during his younger and more athletic days as a bicycle rider. He developed a keen interest in the sport and has many trophies to his credit. He completed the Winnipeg to Kenora race in 7 hours and 15 minutes, which included a compulsory 15 minute rest period. He held the record for this distance for two years. In 1938 he won the Alberta 25-mile open championship. Two of his Manitoba long-distance records still stand, the 15 and 20 mile road races.

Behind the quiet exterior that is Len Bateman's facade, lie a storehouse of energy and a keen sense of responsibility to the community. Len's activities are many and varied. While at University he was co-editor of the Slide Rule, the official publication of the engineering students. He is a past director of the University of Manitoba Alumni Association. He is an active member of the Junior Chamber of Commerce and was named Man of the Month in February 1954, for his efforts in organizing a business training program. He taught Sunday School for several years at Chalmers United Church and is at present a member of the Board of Managers of the Church. He is a past chairman of the Electrical Section of the Engineering Institute of Canada

and is now serving the second year of his first term as a member of Council of the Association of Professional Engineers of the Province of Manitoba.

His other activities include duck hunting, fishing and photography. He still finds the time and the energy to do a few setting-up exercises before breakfast.

While the only trophies he has actually been officially awarded were for bicycle racing, Len

has gained further distinction. According to authoritative sources, over at City Hydro Len has been unofficially named the owner of the fanciest collection of bow-ties in the organization.—D.M.L.

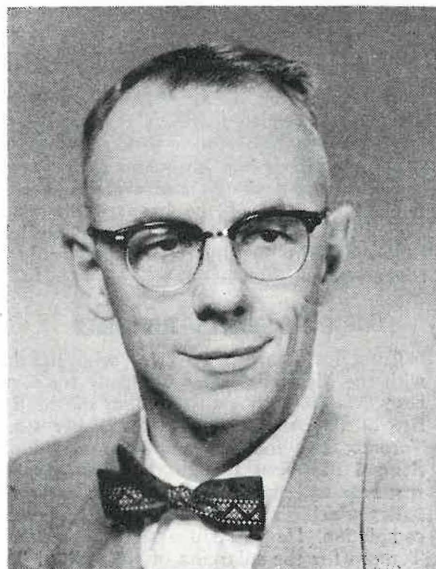
◆ ◆ ◆ STAFF APPOINTMENT

G. T. Christie, P. Eng., Editor of The Manitoba Professional Engineer has announced the appointment of Nick, P. Eng., as Chief Cartoonist and Chairman of the Art Department of this publication. Nick, P. Eng., comes to us well recommended. His first cartoon appears in this issue and is worthy of the close scrutiny of all readers.

◆ ◆ ◆ STAFF REPORTERS

G. T. Christie, P. Eng., has announced the appointment of A. R. Towler, P. Eng., as reporter in Pine Falls, and M. N. Collison, P. Eng., as Reporter in Flin Flon. Mr. Towler is associated with the Manitoba Paper Company and Mr. Collison is associated with Hudson Bay Mining and Smelting Co.

◆ ◆ ◆
Council of the Association held its September meeting at a camp at Waugh, which is situated on Indian Bay in the Lake of the Woods area. It is the first time in the history of the Association that Council has met outside the City of Winnipeg. In order to be able to have a lengthy uninterrupted meeting, Councillors spent about 48 hours at the camp. They managed to get through a lengthy agenda and during recess Jack Hoogstraten and Len Bateman caught several fish.



L. A. BATEMAN, P. Eng.

INSPECTION DAY AT THE OFFICE

T. H. Kirby and E. V. Caton Inspect the New Association Office



At 2:17 p.m. on the day the first issue of this publication was delivered, two members strode briskly into the office, one waving his copy of *The Manitoba Professional Engineer*. "I want to apply for this job," he said, pointing to the advertisement for a reporter. "I brought my friend as a reference." The applicant was Thomas H. Kirby, and his reference was E. V. Caton. Having established the main purpose behind their visit, the two gentlemen began inspecting the premises. They examined the desks, the chairs, the safe, the stationery cabinet. "Just want to see how our money's being spent," they explained. They went into Mr. Landon's office to look it over. "Where's

Charlie?" asked one. "Why isn't he at his desk? We'll have to dock his pay." "It's already been cut to pay for the new furniture," said the secretary, tongue in cheek. "Well, we'll cut it some more," was the reply.

On completion of the inspection both members nodded their approval. After a brief discussion on the subject of how much longer they had to wait before they were made life members of the Association, as they were in the E.I.C., the two gentlemen departed, leaving behind a well-inspected office and a much-amused secretary. "Tell Charlie he missed a couple of darned good stories," was the parting shot.

NEW MEMBERS

During the second four months of 1956 the following were registered as members of the Association of Professional Engineers of the Province of Manitoba.

B. L. Barry	T. A. Kowalchuk
A. P. Barsalou	C. T. Kummen
G. C. Cartwright	F. T. Kuzyk
W. A. Corbett	E. C. Lamb
R. W. Hicks	H. M. Lapp
R. P. Holmes	A. J. Lemoine
J. H. McGuirk	J. W. Liddle
H. S. Olafson	F. J. Lindenschmidt
A. A. Park	A. G. Loadman
C. E. Pontifex	V. A. McGregor
E. L. Weiss	D. H. McLeod
C. R. Young	G. A. McQuitty
J. H. Abrams	G. L. MacDonald
J. G. F. Bockstael	E. F. MacKenzie
M. D. Brown	A. S. Malmgren
A. R. Caton	E. V. Malmgren
H. A. Mackay	A. D. Margison
D. D. Munro	A. K. Mattick
A. E. J. Parrett	I. B. Miller
N. Partyka	F. L. Morton
W. D. Ramore	K. L. Murphy
S. R. Speed	R. G. Nizalik
R. G. Turenne	Richard Noonan
J. J. Winship	E. J. Parke
C. R. Bouskill	K. E. Parsons
B. F. Murphy	R. F. Pearson
D. D. Elliott	J. A. Peebles
M. H. Sawka	C. R. Pike
C. S. Goldsmith	T. C. Piper
H. J. Meyer	J. J. Pomor
E. W. Blackmore	Cornelius Rempel
B. J. Ferries	E. P. Rimmer
G. E. Bates	W. E. Robinson
M. Simonyi	B. Rosenstock
P. Krauss	R. J. R. Schaller
R. Akister	J. E. Scotten
A. E. Anderson	Louis Sernyk
G. W. Argle	M. L. Settler
S. R. Bailie	A. E. Sharp
H. A. Baragar	R. N. Shaw
R. W. Bartholomew	H. L. Smith
H. M. Battram	M. G. Smith
J. A. Bell, Jr.	R. A. Smith
Leslie Bell	Peter Squarrie
L. Billinkoff	C. H. Steele
Ross Black	Jack Tarnava
Morris Block	Harry Taylor
D. Boroditsky	M. E. Thompson
H. P. Brunger	J. E. B. Thorsteinsson
R. J. Byers	S. O. Thorvaldson
B. M. Cameron	D. W. Treble
I. H. Chester	R. D. Vryenhoek
James Clark	C. H. Wren
H. W. Cochrane	J. F. Yellowlees
F. H. Cook	A. M. Bourque
M. E. Coumts	A. B. Buchanan
Gordon Cumming	T. W. Cable
D. G. Curiston	N. B. Cameron
John Duerksen	G. H. Dash
John Dumanchuk	T. E. Dolphin
W. N. Dutton	R. J. Karras
Jack Ediger	William Mann
K. J. Fallis	R. F. Morris
L. J. Fouillard	J. H. A. Poirier
A. G. Grant	G. A. Tough
C. M. Gregory	J. E. Wachowich
R. E. Gottfried	W. M. Walker
L. G. Guglielmin	W. J. Ayres
Kenneth Hallson	K. J. Kramer
E. H. Hamilton	Barry France
Terrance Hanna	Isaia Gross
W. B. Hawcroft	H. P. Kaegi
A. A. Hayman	R. N. Knapp-Fisher
E. J. Hebert	W. H. Kyriz
J. E. Henderson	I. W. Thomas
C. K. Holden	L. H. Clifton
M. W. Howe	N. Soroczinski
V. D. Hunter	S. A. Ismaily
J. G. B. Iliffe	H. J. Davie
D. C. Irwin	G. Ohijenko
H. R. Kaatz	H. E. Neufeldt
J. R. Kemp	H. M. O. Cole
J. S. Kingdon	G. E. G. Jewell
A. W. Knight	

UNIVERSITY STAFF CHANGES

CIVIL ENGINEERING

Promotions

From Assistant Professor to Associate Professor:

A. Baracos
E. S. Magill
O. Marantz

From Lecturer to Assistant Professor:
G. Clayton

Resignations

Assistant Professor S. Cherry (gone to University of B.C.)
Assistant Professor W. Patton (gone to industry)

New Appointment

Assistant Professor W. P. Beley, B.Sc. in Eng. (Civil) (Manitoba) 1949.

ELECTRICAL ENGINEERING

Promotion

From Demonstrator to Full-time Lecturer
E. Bridges

MECHANICAL ENGINEERING

Promotion

From Associate Professor to Professor and Chairman of the Department
R. E. Chant

From Assistant Professor to Associate Professor
H. N. Gawley

Resignation

Associate Professor B. D. Wood (gone to University of Syracuse)

Retirement

Professor N. M. Hall, Chairman of Department

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REPORTER APPOINTED

G. T. Christie, P. Eng., Editor of *The Manitoba Professional Engineer* has announced the appointment of Mr. R. Diamond, a fourth-year engineering student, as University Reporter.

FLIN FLON NOTES

We are pleased to report that W. A. Green, P. Eng., the General Manager of Hudson Bay Mining and Smelting Co. Limited, has now returned to work following an operation in July. His total sojourn in the hospital amounted to six weeks.

M. A. Roche, P. Eng., left September 6th with Mrs. Roche to attend the Ministers of Mines Conference at Lake Louise. The Roches will visit California before returning to Flin Flon.

K. A. Gamey, P. Eng., is once again spending his summer in the Yukon and from what we hear, the big question is which day was officially summer, as snow goes in July and returns in August.

M. N. Collison, P. Eng., has returned from his vacation, which involved a shopping tour of Winnipeg, Milwaukee and Minneapolis. While in Milwaukee he attended two of the Braves' baseball games, and also took one of the guided tours of the brewery that makes "The beer that made Milwaukee famous." Mr. Collison reports that the free samples are highly recommended.

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PINE FALLS REPORTS

Cornelius Rempel, P. Eng., who has been with the Manitoba Paper Company for several years, was recently transferred to the head office of the Abitibi Power and Paper Co. in Toronto. For the past year and a half Mr. Rempel has been Design Engineer for the speed-up and modernization program at Pine Falls, which, in its present phase, is nearing completion. He will fill a similar position in Toronto for the enlarging of the Abitibi "Mission" mill at Fort William, Ontario, which will include a new paper machine, additional grinder capacity and much auxiliary equipment.

FLAVELL WINS SULLIVAN CUP

George Flavell Ousts Joe Brako In Photo Finish

The annual battle of the links for the Sullivan cup took place at Elmhurst Golf and Country Club on Tuesday, September 11, 1956. Twenty-three golfers teed off, and they all completed 18 holes, which in itself is a new record.



Russ Sharpe is shown presenting the Sullivan cup to George Flavell. Charlie Landon is shown in the left foreground.

Joe Sill, the soft-spoken, hard-working mentor of the tournament, submitted the lowest gross score, eleven shots ahead of his nearest opponent. Charlie Landon presented Mr. Sill with his prize of two pink elephants.

Joe Brako was awarded a prize of imported amber glass for having the low net score on the

first nine holes. Mr. Brako also ran George Flavell a very close second for the Sullivan trophy.

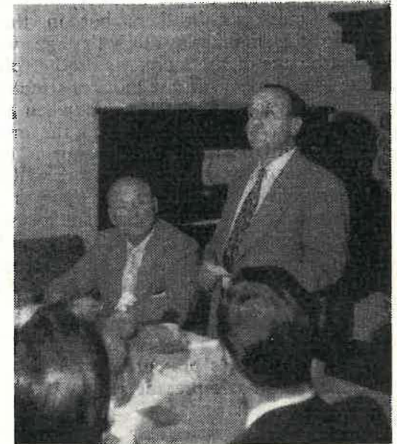
The most outstanding improvement shown over the last tournament was that of G. J. Foley. Gerry was awarded first prize for the most spectacular shot of the tournament held last June. In the most recent tournament, Gerry Foley was again in the winners' circle, this time for the best hand mashie shot of the day, and those who watched the shot can testify to the amount of practice Gerry must have put in on this type of shot since the Spring tournament.

Russ Sharpe, George DePauw and Bill Taylor each received awards for spectacular play on individual holes.

Before the tournament was half over, the large gallery had begun to congregate around George Flavell. It soon became apparent, even to the uninitiated in the game, that here, indeed, was a golfer of unusual talent. His cool, calm, deliberate delivery, and the hiss of his club as it by-passed the ball drew oohs and ahs from the spectators. The crowd was breathless when George completed the 17th hole in three strokes (which is ladies par). While no contract has been signed as yet, it is hoped that arrangements may be made for Mr. Flavell to give lessons in stance and swing in the Association office during the winter.

Excitement ran high while Charlie Landon and his slide rule figured out the low net scores, according to the Calloway System, the result of which was the announcement that George Flavell had won the trophy. The cup was presented to George by Russ Sharpe.

Following the completion of play and the presentation of prizes, the members all enjoyed a cup (or two) of iced tea and a steak dinner. —D.M.L.



Joe Sill (standing) is telling an after-dinner anecdote. E. G. Eggertson is shown at left and two unidentified members are in the foreground. (Penny for your thoughts Mr. Eggertson).

CONGRATULATIONS

To R. D. Vryenhoek, P. Eng. and Elizabeth Urquhart Vryenhoek, who were married on September 1, 1956.

To Mr. and Mrs. F. H. Quirt on the birth of their son, George Arthur.

To Mr. and Mrs. H. E. Cowley on the birth of a daughter, Sylvie Deidre Yvonne.

To Mr. and Mrs. R. C. Sommerville on the birth of their third daughter, Kathleen Joy.

To Mr. and Mrs. A. B. Buchanan, on the birth of their daughter, Alison Berna.

To Mr. and Mrs. Walter R. Shane, on the birth of their fourth child, a daughter, Ardith Patricia.

To Mr. and Mrs. R. H. Russell on the birth of a daughter, Meredith Lynne.

To Mr. and Mrs. G. T. Christie on the birth of a son, Wesley Gordon.

To Mr. and Mrs. D. H. Bergman on the birth of a son, David Gordon.

To Mr. and Mrs. J. J. Arnason on the birth of a son, Gary Byron.

To Mr. and Mrs. N. Mudry on the birth of a son, Paul Kelso.

To Mr. and Mrs. W. Gordon Maclean on the birth of a daughter, Barbara Jean.

♦ ♦ ♦

UNABLE TO LOCATE

Mail which has been sent to R. J. Kinsley, P. Eng., 772 Queenston St., and A. A. Lewis, P. Eng., 446 Renfrew St., has been returned. Would anyone knowing the whereabouts of either of these two gentlemen please contact the Association office.



On the links at the recent golf tournament (left to right): George de Pauw, Bob Gottfred, Joe Sill, Ian Fraser, Charlie Landon, Gerry Foley, E. G. Eggertson, Alec Sim.

DEAD CAT DEPARTMENT

Is there a member in the Association who has had experience in the dead cat removal business? Now that the Association's telephone number is listed in the book, the office receives some peculiar requests. A lady called recently, saying her neighbor had told her the "engineers was the ones to call" and asked if we would send someone out right away to remove a dead cat from her yard. Would anyone care to volunteer for this kind of work, in case more calls of this nature are received?

An interesting and profitable course has been planned by the Professional Development Group of the E.I.C. The fee for the course is \$7.00. The course is available to all members of the Association and consists of seventeen lectures on a variety of subjects, commencing on Monday, October 1, at 8:00 p.m., at the Westinghouse Auditorium, and continuing on subsequent Mondays. Further information may be obtained by contacting Don Fonger, P. Eng., at 43-1032, or R. E. Chant, P. Eng., at 4-7019.

PUZZLE

A BOUQUET TO D. M. SILVERBERG, P. Eng.

We have been outsmarted by the B.C. Professional Engineers. Five members of the B.C. Association correctly solved the problem of the age of the monkey's mother. We received only two solutions to the problem. Congratulations to D. M. Silverberg, who submitted the correct answer and we wish to award "A" for effort to P. C. White, an engineer in training whose answer was almost correct.

MONKEY BUSINESS

The age of a certain monkey's mother is now equal to half the age of the monkey, plus the age of the monkey's brother; but in three years' time the monkey's mother's age will equal half the age of the monkey's brother plus the age of the monkey. If the monkey's mother is twice as old as the monkey was when the monkey's brother was half as old as the monkey's mother will be when the monkey is one year younger than the monkey's brother will be when the monkey's brother is three times as old as the monkey was when the monkey was as old as the monkey's brother was when the monkey's mother was twice as old as the monkey's brother, how old was the monkey's mother when the certain monkey was born.

Solution: Let mother's present age = A
 monkey's present age = B
 brother's present age = C

First sentence gives:

$$A = \frac{B}{2} + C$$

$$\therefore 2A - B - 2C = 0 \quad (1)$$

$$\text{and } (A+3) = \frac{(C+3)}{2} + (B+3)$$

$$\therefore 2A - 2B - C = 3 \quad (2)$$

Breaking down second sentence gives:

"... monkey's mother is twice as old as the monkey was..." (Say v years ago.)

$$\therefore A = 2(B-v) \quad (3)$$

"... when the monkey's brother was half as old as the monkey's mother will be..." (Say w years hence.)

$$\therefore (C-v) = \frac{1}{2}(A+w) \quad (4)$$

"... when the monkey is one year younger than the monkey's brother will be..." (Say x years hence.)

$$\therefore (B+w+1) = (C+x) \quad (5)$$

"... when the monkey's brother is three times as old as the monkey was..." (Say y years ago.)

$$\therefore (C+x) = 3(B-y) \quad (6)$$

"... when the monkey was as old as the monkey's brother was..." (Say z years ago.)

$$\therefore (B-z) = (C-z) \quad (7)$$

"... when the monkey's mother was twice as old as the monkey's brother..."

$$\therefore (A-z) = (C-z) \quad (8)$$

From equations (5), (6) and (7):

$$(B+w+1) = (C+x) = 3(B-y) = 3(C-z) \quad (9)$$

From equation (8): $z = (2C - A)$

Subst in eqtn. (9):

$$(B+w+1) = 3A - 3C$$

$$\therefore w = 3A - 3C - B - 1$$

Subst in eqtn. (4):

$$(C-v) = \frac{1}{2}(4A - 3C - B - 1)$$

$$\therefore v = C - \frac{1}{2}(4A - 3C - B - 1)$$

Subst. in eqtn. (3):

$$A = 2(B - C + \frac{1}{2}(4A - 3C - B - 1))$$

$$\therefore 3A + B - 5C = 1 \quad (10)$$

Equations (1), (2) and (10) have only the three unknowns A, B and C and solve simultaneously and readily to give:

$$A = 24$$

$$B = 14$$

$$C = 17$$

Thus, when the monkey was born, 14 years ago, the mother was aged 10.

The following problem was submitted by D. M. Silverberg, P. Eng.:

A perfectly flexible rope hangs over a frictionless pulley. A weight is tied to one end and at the other end hangs a monkey of equal

weight. The rope weighs four ounces per foot. The combined ages of the monkey and its mother equal 4 years and the weight of the monkey is as many pounds as the mother's age. (The mother is twice as old as the monkey was when the mother was half as old as the monkey will be when the monkey is three times as old as its mother was when she was three times as old as the monkey was)... Now let me catch my breath... The weight of the rope plus the weight is half as much again as the difference between the weight of the weight and the weight of the weight and the weight of the monkey. How long is the rope?

* * *

TRANSFERS

The following have been admitted to membership by transfer:

D. A. Fraser (Sask.); C. H. Cleghorn (Ont.); B. M. Hardy (Alta.); H. E. Macpherson (Ont.); T. R. Stuart (Sask.); E. K. Overgaard (Sask.); A. F. Gregory (Sask.); A. C. Herbert (Ont.); J. M. Kay (Ont.); S. A. Mayman (Que.); R. J. Merritt (Ont.); L. A. O'Morrow (Alta.); J. F. Zimmerman (Ont.); T. S. Morgan (Ont.).

* * *

LICENCES

Temporary licences to practise have been granted by Council to the following:

H. W. Umphrey	K. E. Britain
D. M. Gibson	H. E. Barnett
W. A. Trow	W. P. McGill
E. J. Crowther	P. L. O'Shaughnessy
B. B. Shapiro	R. R. Taylor
E. J. Gilbert	

* * *

TRANSFERS TO OTHER ASSOCIATIONS

Keith Alexander (Ontario); W. M. Price (Ontario); R. N. Bigelow (Alberta); C. P. Bennett (Alberta); B. R. Richards (Sask.); G. W. Moule (B.C.); W. R. Brownlee (Quebec); R. G. Comstock (Ontario); H. L. Pollock (Ontario).

* * *

PROMOTIONS AND APPOINTMENTS

The appointment of K. R. Ebborn, P. Eng., as Contract Engineer for the Winnipeg plant of Dominion Bridge Company Limited has been announced by Mr. A. Campbell, P. Eng., Vice-President and Manager, Western Division. Mr. Ebborn was formerly assistant to E. A. Ford, P. Eng., who was recently transferred to the Company's Head Office at Lachine, P.Q.

J. S. Campbell, P. Eng., former Assistant General Manager and Secretary of both Manitoba Bridge and Manitoba Rolling Mill, has been appointed Manager, Manitoba Bridge and Engineering Works Limited and Secretary, Manitoba Rolling Mill Co.

Alex Campbell, P. Eng., has been elected President of Manitoba Bridge and Engineering Works Limited and Manitoba Rolling Mill Co. Ltd.

Hugh A. Mackay, former Plant Engineer, Manitoba Rolling Mill Co. Ltd., has been promoted to the post of Superintendent.

T. J. Halme, P. Eng., has been appointed Manager, System Sales and Application Engineering for Canadian General Electric Company Limited, with headquarters in Peterborough, Ontario.

Judge: "Are you a natural born citizen of Canada?"

Lulu: "Naw — Caesarian."

MANITOBA EXCELS AT DOMINION RIFLE SHOOT
ENGINEERS GOOD MARKSMEN

Manitoba had a banner year at the annual Dominion of Canada Rifle Association service rifle matches at Connaught Ranges, Ottawa, in August. The Manitoba team won four major team matches: the Provincial match, London Merchant's match, Barlow match and Coates match, and in addition placed three men on the Canadian Bisley team, which will travel to England next year to shoot in the annual matches at Bisley.

Manitoba's engineers were well represented in the aforementioned team matches by W. Lloyd Bunting, P. Eng.; J. W. "Jack" Battershill, P. Eng.; and Roy Towler, P. Eng. Mr. Battershill has been shooting for over 50 years and was a member of Canada's Bisley team in 1912. He can still hold his own in any company of riflemen and the quality of his shooting eye does not seem to have deteriorated.

Roy Towler took third place in the Governor-General's match, one of the major matches of the meet.

* * *

Ever since Social Credit invented petroleum, engineers have been migrating to Alberta's oil and gas industry. One of these emigres is our own Charles P. Bennett, formerly chief engineer for Winnipeg and Central Gas, who recently transferred to the Bonnie Glen gas stripping plant, just outside Edmonton. Charlie's technical description of a gas stripping plant goes: "It's just a bunch of heat exchangers."

* * *

The publication of the poem about fees in the last issue brought results from an unexpected source. An eastern Canadian member of the Association sent the poem to the office with a note explaining that he had no record of having received a statement. The gentleman's mind was soon put to rest. The poem was not directed at him and the reason he had not been receiving any statements was that he had paid his fees last February.

* * *

BEDTIME STORY

Once upon a time there was a member of this Association living in Brandon named Mr. Peng. One day while Mr. Peng was visiting in Winnipeg, he chanced to meet a member of Council of this Association. Mr. Peng had a money order in his pocket for \$12.00 to cover his annual dues. He gave the money order to his friend the Councillor, because the Councillor was on his way to a Council meeting at the Association office. Being aware of his bad habit of putting things in his pocket and forgetting about them, the Councillor set the cheque up on the dashboard of his car, so that he would be sure to remember it. Off he drove to the Council meeting. A gentle breeze swept through the car and wafted the money order out the window and down Portage Avenue, in the midst of the five o'clock traffic.

Several days later a lady called the Association office to say that she had found a money order on Ellice Avenue and would mail it to the office.

The moral of the story is: If you are going to give your fees to a member of Council, give the money order to a member who will put it in his pocket and forget about it. It's safer that way.

* * *

Man standing on streetcar holding large package that is dripping. Man beside him runs finger along the wet spot and asks: "Pickles?" And man standing replies: "Nope, puppies."

* * *

"You," said the Sales Manager, "give me a pain in the neck."

"Thanks," said the salesman, "for moving me up."