

Cone

July 1, 1925

Dr. Vernon Cone,
% Dr. Pappenheimer,
R. F. D. #1,
Baltic, Conn.

Dear Doctor Cone:

Thanks for your letter. I was glad that you arrived safely. It seems to me that you made very good time in spite of the road.

I have ordered the supplies for the laboratory and have been having a life and death struggle to get the activities which are in the laboratory now out of it. We just finished yesterday getting them all disposed of, I think.

I have sent a copy of the enclosed digest of the plans to Dr. Jobling and Dr. Pappenheimer and have given one to Dr. Von Glahn because it seems to me a good thing to get our relationship worked out consistently as soon as possible.

Dr. Von Glahn told me that Dr. Jobling understood that you had been "assigned to Pathology". It seems to me awfully important that Dr. Jobling understand the conditions of your application to the National Research Council, and, for that reason, I believe I should write him a letter now, putting the thing any way you think best.

Give my best wishes ^{to} Avis and make Tuck behave.

Very sincerely yours,

WGP.MD

W. G. Penfield, M.D.

August 16, 1926

Dear Bill:

I was glad to get your letter. I should have written you before about Dr. Cushing, but was waiting to see whether or not you received my first letter, which was sent to "Muscateen" without any other address. Dr. Cushing says that he will not be there in September, but that he will be glad to have you come at some other time if you can. I think it would be better to wait until he will be there, and I should think we could arrange for a trip up there some time later in the year when he will be going strong.

It is fine that you are having a real vacation. Am sorry to hear about Dr. and Mrs. Orton. Mrs. Suydam was very glad to know that you had received the cuff links. Her wound is healing nicely. Everything is very quiet, stay away and play as long as you can.

With best regards for your mother and Avis,

Sincerely yours

Dr. William V. Cone
1015 Orchard Avenue
Muscatine, Iowa

1015 Orchard Ave.

Muscatine, Iowa

Dear Wade:-

It has meant more for me to be home than I realized it would. We have been dividing our time between my mother's and Aris' folks. My brother and his family are here too. Red and I have fished, tramped and played golf together, all over the same old places we were familiar with as kids here. It has been eleven years since we've had such an opportunity.

I spent one day in Iowa City and want to run up again before I leave. Dr. Orton is not at all well and Mrs. Orton

has what seems to be Pernicious
Anemia. Her red count is 800,000.
Naturally we were a bit depressed
after being up there. We saw Mrs
Cotton and she is so lovely and
patient.

I am anxious to know whether
or not Cushing will be in Boston.
Already I'm getting anxious to get
back to work.

I hope our trip back isn't
as hot as the one out was. We
were hot and sticky when we got
here and mighty tired.

Mrs Suydam sent out a
lovely pair of cuff links. I was
surprised and pleased. I didn't
expect her to think of any one
but herself now.

Please give my best to Helen
and the youngsters.

I hope you are not too
busy and are not doing too
much.

With best wishes,

Bill.

Note.

Wm Cone.

July 2. Wrote note from Mr. stating
Lab would raise his salary until
to 4000 with income from Surg.
instructorship unless or until the
~~Rockef. Found.~~ Gen. Ed. Bd. came across.
Suggested 1 mo in Boston & Lab to
give ^{\$}100 on expenses.

Oct. 8 - Note to Mr. Bush authorizing
payment of 1500 in monthly instal. 125
to Cone beginning in October.

He receives 2200 from Bull Fund per. C.O.W.
" " 300 " Surgical Instructorship

Laboratory,
July 8th 1906.

Dear Mide: -

It has been very nice to hear from you. Your description of the wonders of Maine creates no envy on our part. Iris and I feel we are at least several rungs up the ladder to heaven.

Jack is more lovable than ever. The food is working splendidly. I have been using it every day because of the subway strike. We haven't had the Dodge out since you left. The lawn has been sprinkled every day that it did not rain etc. We are enjoying every minute of the time out there - and it is hard to understand how you could leave it.

Tuesday morning Dr. Elsberg did a laminectomy on a Mrs. Suydam. He found what seemed to be an aneurysm involving the body, left lateral process + left lamina of the third lumbar vertebra. Barbara Bloss is not doing very well. She takes fluids poorly and does not eat well. We are watching her carefully and I hope she will be in good shape when you come back. Warren Hutchins shows no change. Janet Haupt

is acting up again and I'm betting she will have to have her sinus tract explored again. She has some slight signs pointing to her right hemisphere but they are not progressing. Philip Kerner will be discharged early next week after his next x-ray treatment. He is completely blind & aphasic but is more cooperative. Carlton Mitchell is still a puzzle and his condition varies little. There are three skull fractures on ward VI and they are getting along nicely. Some how I don't find much time for the lab. I am enjoying every minute of it but miss you a great deal.

Mrs Helen Clarke's address is St. George, New Brunswick, Canada.

I am enclosing a copy of the letter I wrote to Mr Flexner. It was a hard one for me to write.

Here are the layers of the cerebellum as copied from Tehrey & Riley.

- A. Molecular layer (Preeminently the region of synapsis between the end-branches of axones & dendrites of cells in the cerebellum)
1. The cells of Purkinje.
 2. Large stellate or basket cells which occupy a deep position in the molecular layer
 3. The small stellate cells which are superficial in position.

These are the basket cells.

B.

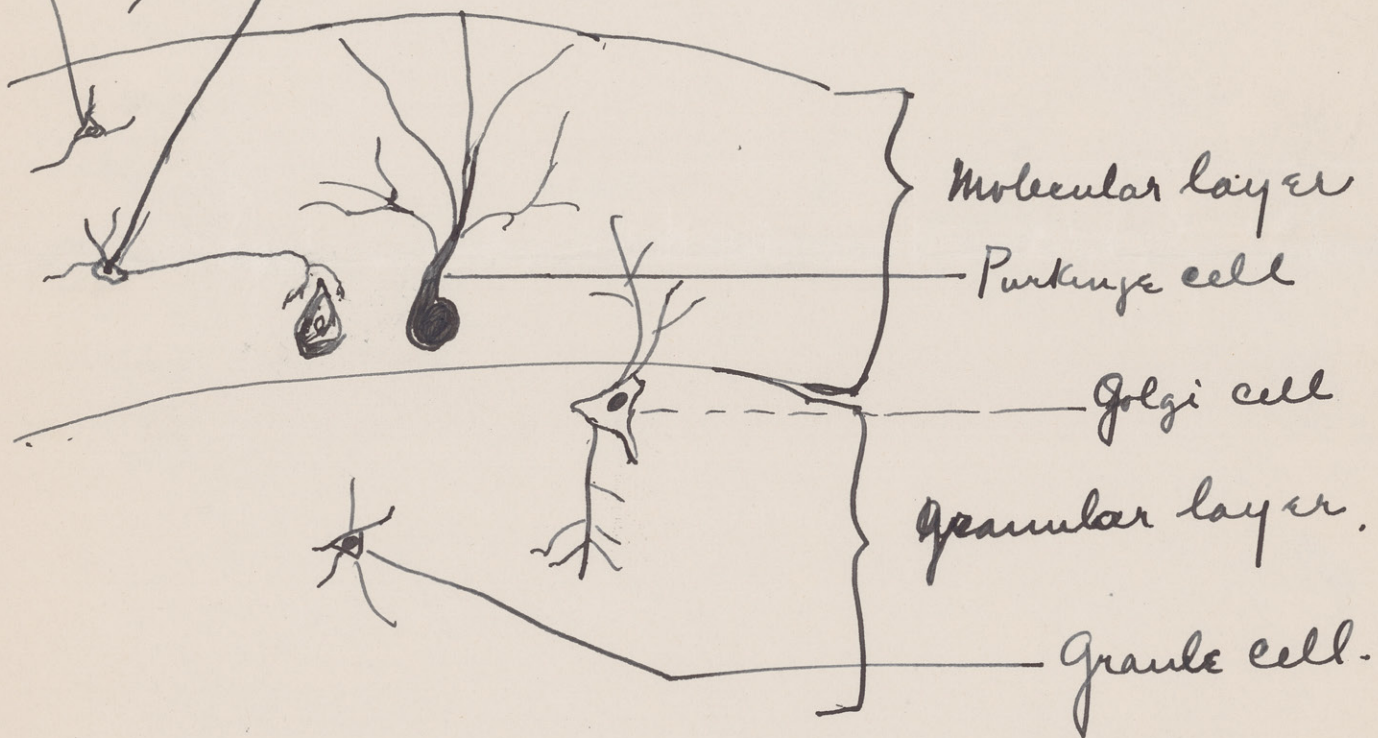
Granular layer. (Two cell types)

1. Granule cells
2. Stellate cells of golgi.

Here's a drawing from Gray's anatomy.

Small cell
of molecular
layer

Basket cell.



If this is not satisfactory I'll send you up Filney or Riley or any other book you want. I didn't do it now because I thought you wouldn't want to be bothered with it.

Please give Helen and the youngsters and Mrs Kenneth Aris' and my very best and here's the best of luck to you in your struggle with the fishes.

Yours,
Bill.

25 Lower St
London
March 26th 1978.

Dear Heidi:-

My first instruct too was never again. In checking the pros and cons I lean in that direction still. However his loyalty to you and his good silver work make me perfectly willing to have him if you think it is wise.

I have written him a non committal letter saying we could not offer more than \$500. As you say that will decide the matter very likely.

With the volume of work which we had and also the variety of staining methods we used I am afraid we expected to much of both Edward and Miss Murphy. Miss Murphy I am sure would have done much more satisfactory work had she been given more time.

Greenfield hears well. He continues to haul out most interesting material. He still reminds me of Tom Glahn in the way he presents his material and runs the laboratory but I don't think he is as narrow as Tom was. Thursday he showed some marvellous Von Becklinghausen's

specimens and a large group of perineural fibrosarcoma's. The classification is still worrying him. With the mass of material which he has to choose from he should be able to quickly put his mind at rest.

Nilson's first out patient clinic was the most interesting one yet because of his discussion of the cases. Some of his diagnoses seemed questionable but that did not matter. I thought Walsh conducted his clinics as though they were dress rehearsals — Nilson's must be like the meetings of Parliament. He has two assistants (Dr Carmichael and a ♀ Dr whose name I don't know), and they keep the tuning forks, flash lights and percussion hammer's parallel ^{on the table} and the chalk in its place.

Tan Wagonen will be here until some time early in June. He is spending most of

his time at the London Hospital with Cairns
Prain and Riddoch. You and I make
sounds one morning at St. Bartholomew's
I was surprised at the amount of work
the younger men do.

Sir Percy's cases are taken to him
on a silver platter. I think that must
account for most of the good results he
gets. I have never seen such surgery. He shelled
a big endothelioma out of the left parietal
region yesterday with his finger, as you might
possibly remove a desmoid. Then he packed
the cavity to control the bleeding. The bone flap
was turned down, the tumor removed and
the flap replaced + the last suture taken - all
in 40 minutes. He constantly rails
about American Lomness, and Cushing.
He said yesterday, again, that he never
used silver clips because it took as
long for him to make ^{over} them as to do
an operation.

I have been trying to find charts showing the insertion and origin of muscles and showing their nerve supply. The only ones I have seen are too elaborate. There are some lovely ones in the A.P.D. here that were made years ago by one of the men on the staff. Perhaps we can have some drawn for us.

Beak, a chap who was with Foerster when you first reached Breslau is here now. He sings the same tune about the work there that the rest have, his part is bass but it harmonizes with the rest.

Last Sunday Cairns took Van and Avis and me to Oxford and to put the finishing touches on a wonderful day took us to tea at Sherringtons. How lovely the way they open house on Sunday afternoon and how marvelously they do things! We came away all excited and had had to answer loads of questions about you

and Helen and your plans.

Has Merton your college? We
went to see it because we thought it
was.

I thought you would be interest-
ed in Flexner's resignation. Now the
policy of the Foundation toward
Columbia may change.

Today Cairns showed us his
set up and we saw some of his
cases in follow up. I like the thought-
ful careful way he is going about
it. He seems to me to have used
unusually good judgment in the
cases we saw. He has done
about forty five operations. If he
continues to work as thoughtfully
I'm wagering that he will not only do
a lot of good clinically but that he will
turn out some good investigative work as
well. With Brain and Reddock on the

stuff there he has some good support.
He thinks it is wise to be entirely independent
of Sargent; that he is a dangerous friend and
enemy.

Shall I ask Greenfield about Small Vincent?
Has Bailey refused to do the Pituitary? Smith
at Paul D. I should think had done more
perhaps, at least the most interesting of the
recent work. Had you thought of him?

But if you have any more ideas about Edward.

With our best to all of you

William Cole

25 Jervis St.,
London, N.C.
May 17th 1928.

Dear Widge:-

I am waiting until I hear from you before I answer this note from Eddie Dockhill.

The work here is increasingly interesting. We have made the rounds of the men who lecture at least once. Russel puts on a dramatic clinic and surely he would make a great appeal to medical students. No one cuts his lectures and he is the only one who is applauded when he finishes. Is he a Brother of the Russel in Montreal? Dr Collier's clinic is next in popular interest.

He too is a good actor and he does bring out some awfully interesting points.

Wilson has not come back from the American Neurological meeting yet. Holmes has arranged his rounds so that his clerks can not attend Wilson's outpatient clinic. Everyone comments about the strained relationships between them. I had never heard you mention it and was surprised.

Van Wageningen put in his appearance yesterday. I was glad to talk to him about Fuersters clinic and you.

I have seen Sargent operate. He turned down a frontal bone flap, explored a pituitary cyst,

filled the cavity with muscle
and closed the flap all in
forty minutes. And he spent a
great deal of time joking about
Bailey's characteristic American
arrogance and Cushing's silver
clip. He said it took him as
long to prepare a silver clip as it
did to do one operation. He surely
works rapidly. The rest I saw
was equally bad. Yet some of the
cases do very well. They do have
so much material -

Greenfield has been showing
me some very pretty specimens
and his last lectures have been
much better than his first one was.

The things I am picking up in clinical neurology here, I believe will make me a much more valuable assistant than I could have been otherwise. It has been awfully nice too to see how they conduct their teaching, the P. S. and how the various services are run.

I have only had two cases to date. One is what I felt was an hematomyelia, one of the type that goes on progressing. Holmes brought out some awfully good points but would not commit himself. My other case was one of Chorea. The youngster manages to say she can not talk because her

ague jumps so much.

Pritchard, Holmes' house physician is very keen and has been very helpful. He has some pretty work under way on the types of knee jerks and has rigged up an ingenious apparatus so that he could photographically record them. He is also working on bladder reflexes.

Klodny spent something over four months here and wrote a paper on hallucinations in temporal lobe tumors. After visiting Fuerster's clinic Klodny said it was really the only neuro-surgical clinic in the world.

Miss Carroll is working
with Fremont Smith and she is
getting \$100⁰⁰. She is most
happy and enthusiastic
about the work. Apparently
she is settled down there for
some time.

I am writing Hoerber's tonight.
Thanks for the address. Thanks
too for your advice about coming
to Breslau. If nothing more than
checking comes up here I will
come on. Because of the expense
and because my German is bad
I hope something does develop
here. Then perhaps I could
take the second six months of
the Guggenheim fellowship

at Incester at a later date.

I have not visited the
laboratory supply houses here
yet but I will shortly and
will let you have a list.

With best wishes for all of you,
William Cane

Ans

25 Gower St
London
May 29th 1928

Cairns

Dear Hilde:-

Cairns has suggested that I stay in London July and August and work at the Randon Hospital ^{with Brain and} with him on the physiology and connections of the lenticular nucleus or the substantia nigra. One of the men has a stereotactic instrument which they think they can use for producing the lesions exactly where they want them. Brain seems very nice.

As anxious as I am to do something like that I am afraid either one of the problems is much to big an order; for two months could hardly make but the slightest impression on either of them. Therefore unless something else turns up quickly and unless you have some other advise we will head for Breslau the first week in July.

I went classes today for the first time in order to meet Brain and to see Cairns operate. Cairns has a great

deal of difficulty with his team. They don't seem to know what it is all about and their operating room technique is not good. But Cairns handles it all better than one would expect and much better it seemed to me than Jargent. I am sure he will stand out in Neurosurgery in London in a very few years — he has no real competition that I have seen. Today he turned down a large

Cairns
right side bone flap and found no tumor — only greatly increased pressure. I had to leave before he closed.

The last four days have been beautiful. Perhaps it is the contrast which makes them seem so lovely.

With best wishes to all of you.

William Cline.

P.S. Hochen wrote asking for degrees and titles as they were to appear in the Handbook of Neurosurgical Technique. What shall I put in?

W.C.

London
June 10th 1928

Dear Hilde!:-

June 24th the course ends and I am going to stop work at the hospital and spend some time in the libraries and then come on to Breslau.

I appreciate your advice. After reading some of Brains reprints I am more positive than ever that I don't want to stay here and work with Brains and Chiens. Both of them are apparently as much noices as I am at the type of work they suggest. If there had been some little problem I might have tackled it would have pleased me a great deal for I dread trying to work in Breslau with such a handicap as my impossible german. If I were not on a fellowship I should spend the rest of the time in France studying french and looking in on

only his work on nerve regeneration,
did not ask to see Laidlaw's specimens
and kept off the subject of nerve
tumors as much as he could
saying only that if I would stick
around six months or more I
might work them up with him.
I was disappointed and of course
Laidlaw was too. I don't understand
it.

We enjoyed seeing Dr + Mrs
Laidlaw a lot and I was mighty
glad to see the sections he brought
from Nagotte. I spent the two afternoons
he was here looking over sections with
him and have a hunch on oligos as
a result. You remember the small
cells with central nucleoli and stellate like
cytoplasm in the post + lat. columns of
Subacute combined sclerosis and in our
series section dogs. They looked in some
ways like astrocytes in Tol. Blue stains.
We never stained them very well with silver
except in one or two cases. Then

Wagotte as long as Radlan was on
the ground there to talk for me.

Van Wagoner left Saturday night
for home. We saw a great deal of
him and liked him. He is anxious
to get to work now and seemed to
feel the work here was not very
exciting. His enthusiasm for
Spallmeier and Foerster and
Germany in general never lapses.

Much to our surprise Dr
Mrs Radlan were here for two days
last week. I had written him
about Queenfield's lovely specimens
of Van Riedinghausens and he
came over to see them. Before
he came I had told Queenfield in
detail what he wanted to see and
Queenfield had said he would be glad
to show him his material and look
at his specimens. Strangely when
he arrived Queenfield dug out

they looked like miniature astrocytes
with fuzzy nuclei. I believe they may
be deep with fibers. In peripheral
nerves Nagels shows fairly clearly
that Schwann cells contain fibers
when they are in the peripheral stump of
a nerve which can not regenerate after
section and then ^(the cells) do not disappear
even though regeneration does not occur.
He will get something out of those semi-
sectioned dogs yet. And now I am
particularly anxious to get at it again.

Childers was awfully kind and
was willing to talk and answer questions
about Nagels' work as much as I
liked. He was going to Berlin, Munich
and Vienna before he returned to Bres
to begin the last lap of his work there.
He seems to think he has found one of
the most interesting places abroad to
work.

Edward writes to know if we
can find a place for him in the

United States. Just now I know of
nothing. He quits his job June 30th...
and is planning on working his
way back to the States immediately
leaving his wife and baby for
the present so as to enable her to
get her M. A. degree. I am afraid
he is going to be up against some
hard going and would like to do
anything I can to make it easy for him
to work with some body else.

I am sorry not to have something
to report on Swale's recent. No one I
have had a chance to talk to knows
very much about him.

Ken Wagoner had some pictures of
you and Helen and Ruth & Wilder
that we were mighty glad to see.
It seems ages since we have been
with you.

Our best to all of you
William V. Cone



CHRISTL. HOSPIZ

BERLIN NW7, MITTELSTR. 5-6

(zwischen Friedrich- und Charlottenstraße)



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TELEGRAMM-ADRESSE: MITTELHOSPIZ

* Bremen

BERLIN, den 29 August 1928

Dear Hilde:-

We enjoyed our last evening in Breslau with you and Helen very much and thank you for it all.

Now our last piece of luggage is at the station, our passport is stamped and tomorrow morning at 7 the boat train leaves for Bremerhaven.

Sartorius did not have the mechanism we are interested in on display. It is not in use at any of the Berlin Hospitals. I am sorry not to have time to go to their factory. After looking at some of their other models I wonder whether or not the knife carrier is heavy enough. I think it would be better too if that part of the carrier which runs on the cylindrical bars fit the bars more snugly. I felt there was too much play. If you are willing I should like to wait until I see the Thinst Precision again before ordering any other.

In Berlin I found a portable galvanic and Faradic apparatus which is used for neurological work and is very simple. It uses batteries only and I believe it is practical. With electrodes it costs 385 marks. It would be nice to have such an outfit, easy to transport, with no motor and no need to connect to light sockets.

Most of the time in Berlin we spent
seeing laboratory equipment and electrical
outfits. I did buy a big Muret Saunders
two volume German - English dictionary
that I believe is a dandy. They are a load
to carry. When I tried to order it in America
they insisted I must buy the two English
- German volumes which are included in
the set saying it was never separated.
After some persuasion here they let
me have the two German - English
alone and now I'm happy.

Our home address is 1015
Orchard Avenue, Muscatine, Iowa. If
there is anything I can do please write
and you know we are always so glad
to hear from you.

My love to Helen and the
Youngsters.

as always.

Bill.

Muscatoine, Iowa

November 17th 1929.

Dear Nide:-

Mabel's funeral is over.

Tonight I leave for Chicago. I want to spend Monday morning there watching Davis operate if possible and then go to Baltimore to reach there Tuesday morning.

If Davis is not working perhaps I can get some ideas from the pathology lab. of the new eye hospital.

Friday I spent in Iowa City. There was nothing new and I of course was not interested unless they had something almost miraculous up their sleeves.

Please give my love to Helen and the youngsters.

Wednesday or Thursday I'll be on deck for work
Wife
Bill.



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ROCHESTER CALORIE KITCHEN

Rochester, Minn.

Sept 18th 1930.

Dear Wm:-

We shall please everybody must be the motto here. They are great salesmen and showmen. Perhaps I am a susceptible customer. It is a great place.

Harmouth has not returned. Adson was alone until today when Cray returned. They have all been so kind in explaining what Adson calls their little "dodges". They have not hidden their unsatisfactory cases though it was carefully explained that the inner door had been opened for me.

I think the work on the sympathetics is great. The cooperative way in which so many of the groups work so enthusiastically together on the problem is an eye opener. Their loyalty toward each other & belief is real especially in the neurosurgical groups. I had only planned to stay here two



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ROCHESTER CALORIE KITCHEN

Rochester, Minn.

P.S.

days but am staying over until Saturday. Adson talks tomorrow night on the surgery of the sympathetics and I want to hear him. I hope I can pass on what I have picked up.

Klemm was down in St Louis. I liked him. He has not been having a very pleasant time with Saks but is loyal to him and is doing good clinical work. Saks is writing a book on Brain tumours.

Now I am anxious to get back to work. When I left I felt "of making books there is no end and much study is a weariness of the flesh". I can no longer say "I have no pleasure in them". Please give my love to Helen and the youngsters & sincerely, Bill

For Ernie came down for two days to see the place with me. It seems to suggest I send out his best to all of you. Every one asks to be remembered to you. Bill

TELEGRAM SENT TO DR. CONE SEPT 13, 1930.

Think you had better go storming the barns of the west. I will send you the lantern slides by Cushing when he leaves here. Why not take Avis with you and see the country. Take extra time if you like. MacKenzie took his wife and they seemed to enjoy it.

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DR W G PENFIELD

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DO YOU WANT ME TO GO BARNSTORMING IT WILL DELAY LABORATORY WORK
CAN TALK ON HEAD INJURIES CARD TUMORS BRAIN TUMORS INTRACTABLE PAIN
PLEASE TELEGRAPH ME AT TWENTY THREE LEE STREET CLAYTON ST LOUIS MO BEFORE
I ANSWER DOCTOR MEAKINS BEST WISHES

WILL.

~~Do~~
Think you had better
~~go barn storming~~ the
barns of the west. I will
send you lantern slides
by Cushing when he leaves
here. why not take Avis
with you and see the ~~west~~ ^{country}
Take extra time if you
like. MacKenzie took his
wife for they seemed to enjoy
it.

Wilder

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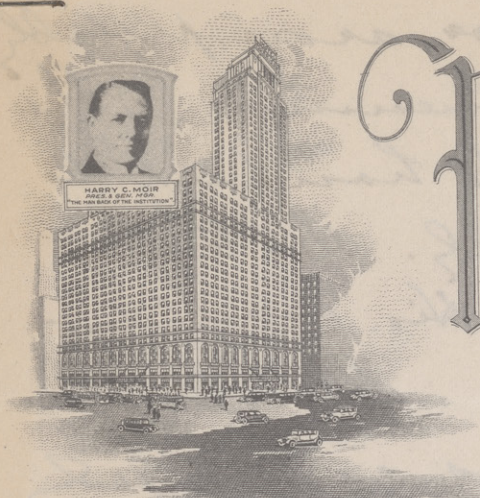
MONDAY FOR TWO DAYS NEUROSURGEONS TENTATIVELY MEETING WITH SAKS

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CLARK AND MADISON STREETS

Chicago, Ill.

Sept. 6th 1930

Dear Ned:-

I am leaving for Muscatine
Sunday morning.

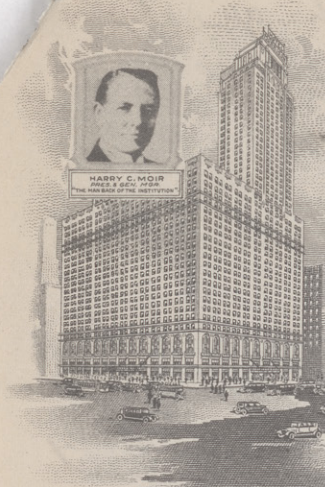
Bailey and Jinker are
stepping along in fourth speed.
Bailey has partially completed his
book on Brain tumors. Jinker
is collecting clinical and neuropath-
ological material for a book they
are planning together on Neurology.

Today Bailey partially removed
a meningial fibroblastoma which
he felt had arisen from the dura
over the temporal sphenoidal ridge.
There was a great deal of thickening
of the ridge in the bag. It seemed

to me the tumour arose probably
from the leptomeninges of the
optic nerve. He handled the
thing beautifully. His team
worked well. His anaesthetic
was splendid. With the
Doric apparatus, as he used
it, one would feel that
cautery is invaluable for this
type of tumour in this location.
The operation took 6 hrs. He
started the continuous infusion
very early. The blood pressure
and pulse varied thruout
less than 15 points.

Watts is his resident. He is
interested in Montreal even now. We
may get him later. He seems like a
very nice chap.

I saw the new Lycos Dermatherm.
It is much like Garin Muller's apparatus in
principle but because of the calibration
and refinements is infinitely more
satisfactory. It can be obtained



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CLARK AND MADISON STREETS

Chicago, Ill.

from the Taylor Instrument Co.
of Rochester N.Y. It was perfected
by Dr. Scott. I believe it is just
the outfit we need. It costs about
\$175.00

I am not going to see Davis
on this trip.

The fall meeting for the neurosurgeons
is still not settled so Bailey says.

Bailey seems to be working
with unbelievable ease in spite of a
constant stream of foreign visitors.
To them he gives a great deal of time.
Either there is very little clinical
material or he makes up his mind

about his cases with great
rapidity. At present he has
very few cases in. They have
new laboratory quarters very
nicely arranged, with a secretary
and good triple cross indexed
files. It is a curious but
interesting spot and there
is not much original work
going on in the sense which
we consider original work.

Please give my love
to Helen and the youngsters.

Sincerely,

Pill.

DALHOUSIE UNIVERSITY
HALIFAX, N. S.

July 18th 1931

DEPARTMENT OF PHARMACOLOGY
MEDICAL SCIENCE BUILDING

Dear Mide:-

Thanks for the monkey. They are easy to handle and stand the Novocaine very well when its put in the cisterna magna. Neither Dreyer nor I are sufficiently adept with the needle to hit the thoracic duct yet but we are practising.

The work is shaping up pretty well and I don't believe we have gone off on the wrong track in tackling the problem.

Johnny Macmillan + his wife spent one day in Halifax with us. We closed shop - played golf all day and then the next day drove down to Pictou to play with Bill Chase. We all got soaked but played 18 holes just the same.

If the insurance company pays Mrs Murray's bill I think \$4000⁰⁰ is fair - If not I don't want anything. Your fee I think should be at least \$200⁰⁰

DALHOUSIE UNIVERSITY
HALIFAX, N. S.

DEPARTMENT OF PHARMACOLOGY
MEDICAL SCIENCE BUILDING

I am mighty anxious to go over our results with you
and have your criticisms.

Another seven days and will be moving along. I want
to get home the 30th and will be on deck the 31st — Hope you
can get away early for the week end then.

Was anything more developed about Philadelphia?

Don't know that I'll be much at tennis when I get back
but I'll try — If the results are too bad you'll have to play
golf with me for things are going better at the old man's game
now.

Best wishes

Bill.

...ception of your holiday sounds great to me. I
am delighted and wish I could come down with you for a while.

Pharmacology Lab
Dalhousie
July 10th 1931

Dear Wido:-

Thanks for your note. I'm having a most satisfactory time. Working hard at the laboratory playing golf and tennis and even swimming in the surf. Our days are full ones. Seriously I don't

14th July 1931.

Dr. William Cone, has arranged a vacation move to C/o Dr. Nicholas Dreyer, Dalhousie University, Halifax, N.S. Dreyer is a peach to work with and play with.

Dear Bill,

Our results are so interesting I am going to send you some of our tracings. We have worked

We are sending you three Cebus monkeys. They survive better, apparently, than Macacus and are more tractable for use. I imagine that it will make a good deal of difference whether or not you can handle them easily.

The description of your holiday sounds great to me. I am delighted and wish I could come down with you for a while. Tell Dreyer now that he is down there perhaps I will have a chance to see something of him. I never had an opportunity here in Montreal.

I wonder if you know what the cerebrospinal fluid looks like. I surmise that you have been injecting cocaine into a lymph duct somewhere.

With best regards,

Ever yours,

WGP/HL

Some days we use 0.5% cocaine and after artificial respirations for 45 minutes and the dog seemed quite normal. We had expected to kill the animal by the large dose but when the heart kept going so well we thought we'd as if he would beat again. Four or five times we have given such large doses to kill the animals and then thought because of the interest in the thing we would attempt to bring them back. We have succeeded each time so far.

To prove our anesthetic we have been using the secretorin, vagus, and ^{control and} ~~stimulating~~ ^{stimulating} the present current and also testing the upper respiratory system. After Novocaine all responses are either

Pharmacology Lab
Dalhousie
July 10th 1921

Dear Wido:-

Thanks for your note. I'm having a most satisfactory time. Working hard at the laboratory playing golf and tennis and even swimming in the surf. Our days are full ones. Seriously I don't believe I could have arranged a vacation more to my liking and that Dwyer is a peach to work with and play with.

Our results are so interesting I am going to send you some of our tracings. We have worked on seven dogs and four or five rabbits. Both of us feel it might be carried out on human cases. Would it be possible to have three monkeys sent down from McGill - two for acute experiments and one for long time injections?

Several days ago we used 0.5% Cocaine and injected a large quantity. Respiration stopped. After artificial respiration for 45 minutes ^{he recovered} and the dog seemed quite normal. We had expected to kill the animal by the large dose but when the heart kept going so well we thought we'd see if he would breathe again. Four or five times we have given such large doses to kill the animals and then thought because of the interest in the thing we would attempt to bring them back. We have succeeded each time so far.

To prove our anesthesia we have been exposing the sciatic ^{central end} vagus and stimulating with the faradic current and also testing the upper respiratory reflexes. After Novocaine all responses are either absent or the reverse of those we obtained before the novocaine.

This is the first real opportunity I have had to work with some one who knows all this is to know about laboratory methods.

Sherrington & Starling certainly mark the men
who worked with them.

I thought I had packed two drains around
the drainage tube between the dura & the pia and
had marked them as you indicated with silver clips
I must have made a note in the operative procedure
Perhaps I used the narrow packing ~~with~~ as a single
strip and marked only the anterior & post. end.

Be sure you have taken all the packing out. I do hope
she does well. When I get back I'd like to get really busy
on the pathway of injection in those cases and I
believe we can show it by choosing our sections
through the brain on the surface properly.

Bill Chase was here for a few minutes today
and we all want to drive down to Pecton for
a day with them next week.

Because I am enjoying it so much
I wish you could be here too.

Love from Ann & me — N. & Mrs
N.D. sent regards and Nick adds a word that
neurosurgeons use too much ether in attempting
to obtain the upper respiratory reflexes and
a few remarks I won't write.

N.B.

Bill

This is the only paper he would give me
but sends this along to show he has some.

Dr. William Cone,
C/o Dr. Nicholas Dreyer,
University of Dalhousie,
Halifax, N.S.

8th July 1931.

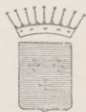
I was delighted to get your letter from the Chateau Frontenac. You must have motored long that first night.

I want to ask you a question about Miss Weiseman. I removed the packing around the tube and both Elvidge and Tor-kildsen told me that you had put in two pieces of packing. I found, however, that there was only one long piece there. On one end there were two silver clips. On the other end of the same piece there was one silver clip. I searched carefully on that day and also on the next day, but I feel quite sure that there is no more gauze in there. On the other hand, if you do not agree please let me know.

About two days after you left the otologist did a complete mastoid on her and found the bone full of pus. I had him expose the dura and posterior fossa but it looked normal. Just before they operated Elvidge, while he was fixing the dressing for them, cut off about two centimeters of tube because it had extruded. I found, by introducing a probe, there was only about one centimeter and a quarter of tube in the brain, but pus was pouring out very profusely. I cut a new tube and introduced it nearly four centimeters, and sutured it in place to the scalp. Now that we have withdrawn it a little more she is very well. Her headache is all gone; I think this is a result of the mastoid operation. Everything, I think, is in good shape. I only speak to you about the case because of not being certain whether there may be another piece of gauze in the wound.

Bill, please do not work during this vacation. By best wishes for you would be that Dreyer's laboratory should burn down. On the other hand that would be a little hard on Dreyer. Everyone needs a complete rest and change, and you are not different from others in that respect surely. Please give Avis my best. Give my regards to Dr. McDougall if you see him there, and of course to Dr. and Mrs. Dreyer.

Wednesday
What the night in Quebec.
the drive by moon
and delightful
Will you keep your eye
children's Memorial?
Dr. Rhea you would
things. I believe it
laboratory to arrange
the medical board for
of absence but I did
realize it in time. I failed
to tell Dr. Archibald
more going.
I hope you don't know



CHATEAU FRONTENAC
QUEBEC

Wednesday.

Dear Mds:-

We spent the night in Quebec.
The last part of the drive by moon
light was cool and delightful

Will you keep your eye
on the Childrens Memorial?
I told Dr Rhea you would
cover things. I believe it
is customary to arrange
with the medical board for
leave of absence but I did
not realize it in time. I failed
also to tell Dr Archibald
I was going.

I hope you dont have

too many head injuries
to handle. If any thing
comes up that makes you
need me I'll be delighted
to come back - by aeroplane
though our trip so far promises
to be great fun.

Love to Helen and you

Bill.

Dr. Wilder Penfield

Dr. William Cone

687 Pine Avenue West

Montreal

Telephone Plateau 7424

August 15th 1932

Dear Hilda:-

If you had seen Steel sitting up smoking a cigarette yesterday it would have taken a load off your mind I know. He is improving slowly every day. This morning he carried on a spontaneous conversation.

Nothing exciting has happened. This morning we did an incomplete removal of a fibrous astrocytoma in a dehydrated 14 months old baby. The youngster is doing very well so far and the complete removal when he is in better shape should be easy.

Mr Macdonald is labelling one of the large store rooms in the Basement "Physical Reeducation" and thinks a small swimming tank can be put adjacent to it

By changing the roof design a bit
there are two more large rooms
on the annular floor. From one
of these a small room might
be cut off to use for an autopsy
room and the other rooms
will be excellent for added
equipment for physiological
work. He is designating them
for this at any rate in the
changed plans he is preparing
to show the powers that be.

Aris reached home Saturday
evening and says she had
a lovely trip.

Elridge has let me see all
the tumors and is going ahead
with his summary. Wish I had
a more clear idea about the
photographs needed so I could
get busy with it.

Best wishes to Helen + the
youngsters + to you.

H! C

UNIVERSITY OF MICHIGAN UNION
ANN ARBOR

Sept 21st 1933

Dear Mr. H.:-

The train arrived at 3:55.

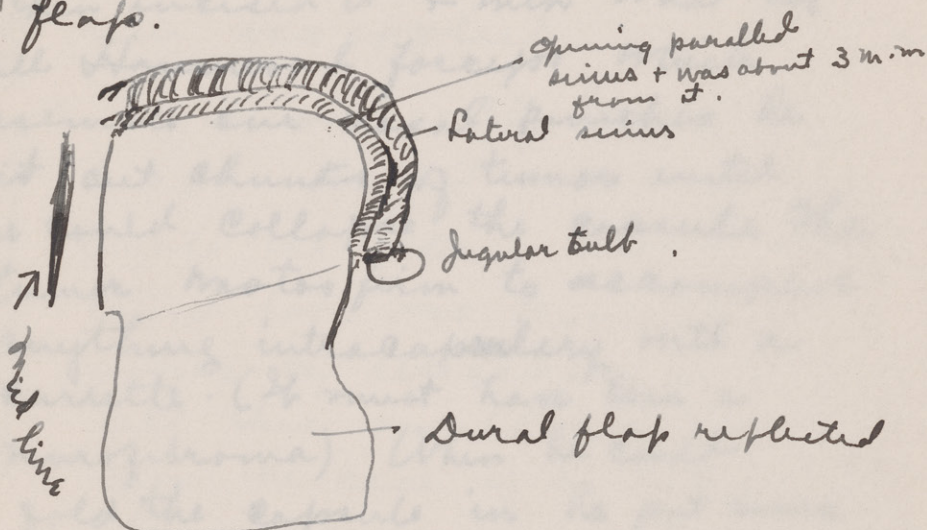
Dr. Peet began operating at 4:¹⁵
at 6:³⁰ he had completed his shower.

The patient was 60 yrs old.
They began under aether and
supplemented it with ether. The
incision was a curved one begin-
ning at the mid line and extend-
ing up 2 fingers breadths above
the external occipital protuberance
and then passing laterally and
finally curving down to the tip
of the mastoid about 1 cm. from
the point at which the tube of the
ear attaches to the scalp. The
entire flap was then reflected with
perosteal elevators very quickly and
with little bleeding. The bone removal
uncovered the entire lateral sinus
on the right side but he stayed at least
a centimeter away from the mid
line, did not expose the tonalare lobes
nor did he remove the posterior arch

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ANN ARBOR

of the foramen magnum. He opened the mastoid air cells rather widely in following the lateral sinus down.

after tapping the ventricle he opened the dura & reflected it as a flap.



He retracted the hemisphere placing the lighted retractor so that its edge was almost against the lateral sinus going in therefore from above. At once the tumor and the 5th nerve flattened over its upper pole came into view and as more retraction was obtained the process showed with the 8th N leaving it & entering the tumor. Shifting the retractor very little showed the 9th 10th + 11th nerves

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ANN ARBOR

displaced by the lower pole.
He could not identify the 7th N.

With the electrocautery he
coagulated the vessels in the capsule
& then incised it & with what they
call Hammond forceps which
resembles our nasal punches he
bit out chunks of tumor until
he could collapse the capsule. The
tumor was too firm to accomplish
anything intracapsularly with a
curette. (It must have been a
neurofibroma) When he could
fold the capsule in he put some
traction on it at various points
& clipped vessels to it and
finally pulled the 8th N. out of
the canal and removed the
capsule almost completely. It
was not sure he did not leave
some against the Forss. The
field was absolutely dry when
he was through and the 5th, 10th &
11th were free & fine. The 9th had
been torn in retraction. The 7th
was never definitely identified.

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ANN ARBOR

The patient's B.P. at the close was at the same level as when the operation began. It was at times during retraction but never fell. The pulse changed little.

He of course had planned to sacrifice it. No muscle closure was carried out. The aponeurosis + skin were closed as usual. No check rein was applied.

It was really beautifully done. He did not have to ligate the lateral sinus. The lateral lobe was traumatized some by retraction and he felt this would not have been the case if he had ligated the sinus doubly and incised the tentorium.

They showed me some of the recent cases, an aneurysm of yesterday in splendid shape, a pretty differential section of the 5th done yesterday, two *Microsporum* diseases four + five days postoperative and an astrocytoma of the cerebellum in a child. He is doing an 8th M. tumors

UNIVERSITY OF MICHIGAN UNION
ANN ARBOR

tomorrow and one Saturday
perhaps. I'll leave here Saturday
afternoon for Detroit & see
Crawford if Max thinks he
has anything of interest in
equipment etc.

Wagoner, Kahn & I were
at dinner with Dr. Peete.
They all asked to be remembered
to you and wished you
might have come too. The
clinic here is certainly an
active one.

Love to Helen, the
youngsters & you
Bill

February 23rd 1934.

Dr. W. V. Cone,
Royal Victoria Hospital,
Montreal.

Dear Bill,

I have a note from Weisenberg
saying that "the Journal of Cellular and Com-
parative Physiology is be sent to Dr. Cone
for abstracting purposes" and that he cannot
continue to send it unless there are abstracts
sent. What do you want to do about it?

Sincerely,

WGP/MD

27th June 1934.

Dr. William Cone,
Royal Victoria Hospital,
Montreal.

Dear Bill,

I am enclosing a copy of the tentative schedule for the opening exercises of the Institute, together with a list of official guests.

Please make any criticism or further suggestions. There will be other guests present, of course, but these would receive official invitations and probably march in the academic procession. They will be invited personally and not through the Institution from which they come.

Yours sincerely,

WGP/HL
encls.

*This outline was changed
HL*

11th October 1934.

Dr. William Cone,
Montreal Neurological Institute,
Montreal.

Dear Dr. Cone,

I am enclosing certain outlines of organization of the services in the Montreal Neurological Institute. It is essential that all members of the staff make full use of the facilities of the Institute and that we should keep the private service as well as the public service moving as rapidly as possible.

I hope you will be able to attend a meeting of the staff on Monday afternoon at five o'clock and that you will feel free to make suggestions in regard to the organization of our work.

Yours sincerely,

WGP/HL.
encls.

4th May 1935.

Dr. William Cone,
Montreal Neurological Institute,
Montreal.

Dear Bill,

Dr. Archibald has agreed to your taking the 13th, 14th and 15th at 9.a.m. for your oral examinations. The 13th and 15th will be at the General and the 14th at the Victoria, each at 9 o'clock. Dr. Archibald would like to have you get in touch with him about this. I believe it amounts to a ten minute oral with or without the use of a patient.

Yours sincerely,

WGP/HL.

31st May 1935.

Dr. William Cone,
Montreal Neurological Institute,
Montreal.

Dear Bill,

The best time for the first monthly pathological conference seems to be the 18th of June. This will only be a one hour conference, but a report of the number of deaths on the two services and the number of autopsies should be made, as well as the diagnosis of autopsies. You can demonstrate one or two cases, as you think best, with clinical and pathological demonstrations secundum artem.

Yours,

WGP/HL.

12th July 1935.

Dr. William Cone,
Montreal Neurological Institute,
Montreal.

Dear Bill,

This letter from Dr. Farrar
is self-explanatory.

As you are going to this
meeting of the American Medical Asso-
ciation will you prepare some kind of
an exhibit. ~~Mc~~ Sclater Lewis feels very
strongly that we should do it and I
suppose for the good of the Institute
it should be done, either X-rays or
something else if you prefer.

Yours

WGP/HL.
1 encl.

to persuade him to give it up. It is not the right sort of thing for him to do. The feature is interesting but no addition, and he will come in for a good deal of criticism. Gipsy is back but returns to Oxford for another year. Miss Gipsy is back but returns to Oxford for another year. She is very close-mouthed about her activities in England, however. (Editor's Note: This last statement is grossly exaggerated)

Wilder is full of plans for the year at Princeton and I am still filled with astonishment at the stage of going there. It is a crew man and he is rowing on the Long Island, N.Y. Ruth Mary is carving two. One is the head of a horse and the other is the head of a dog. Helen is planning a dance at the farm on the 29th of August. Can't you and Avis plan to be there for it; we would love to have you.

Dear Bill,

Please give my love to her and to your mother when you see them. I was delighted to get your letter. Gold Spring must be a great place. The first time I used your skull punch I almost wired you, and I have been meaning to write to you ever since about it. It is splendid; a great step forward. It is possible now to make the holes now just one, two, three. That seems to me the best instrument yet. The handle is shaped a little wrong for the cerebellar region but that could be easily altered.

Wigderson is doing good work but I am a little doubtful about taking him on as a regular interne. He is awfully heavy, not particularly good with his hands at an operation, and terribly lacking in any of the lighter and pleasanter aspects of life. On the other hand, his histories are very well done and his work, I think, is well performed. The only other possibility for the job would be Pudenz which would mean cutting off his year in the Lab. I think probably he would be glad to do it, however. I do not know enough about Pudenz yet; he is the man who is coming from Duke.

I was amazed to hear what you say about the Beth Page Park and also the Jones Beach; I had never heard about them. I saw Struthers and he said they had a very good time with you and Avis. Things have been going along quietly here. We have done a certain number of operations and Arthur has done quite a few of them. Sanchez-Perez is back, fleeing the wrath of Spain, and he has planned a round trip through Canada and the United States, securing \$25.00 at each place and giving a lecture on thorostrast. So far I have not been able

to persuade him to give it up. It is not the right sort of thing for him to do. The lecture is interesting but no addition, and he will come in for a good deal of criticism. Billy Gibson is back but returns to Oxford for another year. Miss Lewis is back and looks as though she were full of beans. She is very close-mouthed about her activities in England, however. (Editor's Note: This last statement is grossly exaggerated)

Wilder is full of plans for the year at Princeton and I am still filled with astonishment that he has reached the stage of going there. It looks to me as though he might make a crew man and he is rowing on the lake now to harden up his muscles. Ruth Mary is carving two wooden ornaments to be placed on the posts at the entrance of the farm. One is the head of a horse and the other is the head of a dog. Helen is planning a dance at the farm on the 29th of August. Can't you and Avis plan to be there for it; we would love to have you.

Dear Bill,

Please give my love to her and to your mother when you see her, also to Paul Munchman if you see him and his wife. I must be a great place. The first time I used your skull punch I loved you, and I have been meaning to write to you ever since about it. It is splendid; a great step forward. It is possible now to make the holes now just one, two, three. That seems to me the best instrument yet. The handle is shaped a little wrong for the cerebral region but that could be easily altered.

WGP/HL.

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I was amazed to hear what you say about the Beth Page Park and also the Jones Beach; I had never heard about them. I saw Struthers and he said they had a very good time with you and Avis. Things have been going along quietly here. We have done a certain number of operations and Arthur has done quite a few of them. Sanchez-Perez is back, fleeing the wrath of Spain, and he has planned a round trip through Canada and the United States, securing \$25.00 at each place and giving a lecture on thorotrast. So far I have not been able

Biological Laboratory
Cold Spring Harbor, N.Y.
August 19th, 1936.

Dear Hede:-

There are so many things I'd like to know about. Is Hodgkinson working out all right? How are the patients I left? What influence will the change in government have on the financial situation and McGill and so on? Things are happening these days alright. The state parks like "Beth Page" here on Long Island remind one of Russia. Polo fields, baseball & football fields, bridge paths, clubhouses and four 18 hole golf courses are included in the Beth Page unit. At the golf courses the club house is more elaborate than any in Montreal with private dining rooms, ball rooms and everything one could imagine; extravagantly done it seemed to me. You can imagine the motels, New York groups that is attracted and the way they behave. I don't know whether the ventures are self supporting but should think they might be even.

really. Perhaps when the groups of people
these things are meant to serve learn
to use them and grow a bit they will
be lovely for every body. The possibilities
are ^{un-}limited for good if crooked politics
and overspending don't spoil it all.

Juno Beach is another unbelievable develop-
ment by the state; very much more elaborate
than Atlantic City. Tired parents can leave
the youngsters for the afternoon at the story-
teller's indian village to be supervised
and entertained while they swim or
play - all for a small fee. Tiny stores
can be rented so that meals can be
prepared by those who can't afford the
restaurants and the restaurants run
from the serve yourself variety to quite
swank and sufficiently expensive ones.
Thomas, state and city park commissioner
dreamed the dream and has been the
prime mover back of it all. It is just
a duplication of Russia's program, I should
think for it is planned so every one
can use the places and thus must

be a great relief from the Corner
Island type of joint. They are really
most attractive physically and there's
a certain dignity in the way they are
run that I believe will make people
grow and learn how to use them

Rolf + Chris Shuthers drove me
down and spent some time with us.
While they were here we played golf
and explored the place. The last 10 or
12 days I've read, loafed, & been
swimming. Three days I spent in
New York at the Academy. I have
covered enough of the literature for
the paper on cervical fractures but
am having difficulty trying to
arrange the material for presentation.
Dr Turner's draft was a lengthy affair
that hasn't helped much. I'd rather
present it as a brief paper outlining
principles of management with illustrative
cases. Several days ago I wrote Dr
Patterson asking him to consult
with you in regard to fusing Mrs

Williams. She has been very much on my mind. Her fractures were multiple and there must have been considerable ligamentous tearing. Fusion I should think would save time for her and make the situation much more safe. We have had three cases of cervical injury not fused later developing cord signs, ① Bertrand ② Balthazar, ③ Dr. Lindsey - 21 years about - after his primary injury.

The work at the Carnegie Institute is fascinating. They have bred a dwarf strain of mice and the pituitary shows largely eosinophil cells in the anterior lobe - no eosinophils. They also have altered behavior in mice by breeding - developing a whirling strain etc. Another strain is deaf but has the vestibular portion of the 8th intact. And of course they are playing with tumor strains. Just recently they have awakened to the possibilities for physiological and anatomical

studies their material presents so that
dwarf rats are growing on extracts,
the anatomy of the medulla with
the cochlear apparatus out of commission
~~is~~ being studied and the chromosome
abnormalities of the tumours and
tumour bearing strains are on the
firing line.

Perhaps on Saturday I'll run
out to see Mother for a few days.
I am planning to get back ^{to Montreal} on Thursday
August 27th. If there is anything I can
~~take~~ over so that you can get away
for a long week and I'd love to do it.
I've got to finish up some of the
papers I've been struggling with and
for which I need some of the data there.
I am rather itching to get into things
again.

With love to Helen, Maddy, Ruth Mary,
and the youngsters,
Responsibly yours as the
scattered letter indicates,
Bill.

7th November 1936.

Dr. William Cone,
Montreal Neurological Institute,
3801 University Street,
Montreal.

Dear Dr. Cone,

I enclose a list of the departmental meetings for 1937. The clinico-pathological conference for December I should think should include two cases which will be of interest clinically and pathologically. We might well present these in much the same form as those at the Presbyterian Hospital; with a short discussion of the clinical findings first and, if possible, some secrecy in regard to the full pathological findings. If Dr. Reid is to make the detailed presentation it seems to me that the pathological discussion ought to be carried out by yourself, likewise the pathological analysis.

It seems to me that we had better hold these meetings either in the Fellows' Laboratory or in the Fellows' Library. If in the library a rough table could be moved in to hold the specimens and the lantern slides used then. The meetings cannot occupy more than one hour.

Yours,

WGP/HL
1 encl.

14th November 1936.

Dr. William Cone,
Montreal Neurological Institute,
Montreal.

Dear Dr. Cone,

By mistake you have been given a list of death analyses to make out. The list of deaths, however, which have occurred since the death analyses were made up to July 1935 has been forwarded to you. You will see there also the cause of death as it appears in the departmental statistics. Any alteration in the cause of death and any explanatory note that you wish to append must be in the hands of the Registrar twenty-four hours before November 25th, so that the figures may be complete at that time.

During the year departmental meetings will be held monthly on a Wednesday, to be selected, at four o'clock. This will give us an hour for the departmental meeting before the meeting of the Montreal Neurological Society.

These meetings will alternate. On Wednesday, 25th November, the first meeting will be departmental and clinical; the December meeting will be clinico-pathological; the January meeting departmental and clinical, and so on.

Yours sincerely,

WGP/HL.

WILDER PENFIELD, M.D.
WILLIAM CONE, M.D.

Cone

NEUROSURGICAL
PRIVATE OFFICES
FIFTH FLOOR, TEL. PLATEAU 7424

MONTREAL NEUROLOGICAL
INSTITUTE
3801 UNIVERSITY ST.
MONTREAL, CANADA

August 5th 1937

Dr. Wilder Penfield,
Chateau Frontenac,
Quebec, P.Q.

Dear Wide,

Things have been pretty active and I am dictating this now in between emergencies.

First, we have been dressing Maclay twice a day, using azochloramid in oil. The wound has been free from discharge and looks much more healthy. We have left the sutures in. There is some moisture on the suture line but no actual discharge. I have the impression that it is going to heal within ten days. Denham is taking much more interest in things. His mother is less dour since he seems so much better. On Baby Grogin but 30 cc. of fluid was obtained on puncture. He vomits but with frequent gavages has gained considerably.

Mr. Beveridge, I believe, is out of the woods. He had a cerebrospinal fluid leak through the clean drainage tract for a while but this has not been present for two days. Mrs. Johnston, Mrs. Scrimger's neice, had a fracture dislocation between the sixth and seventh with a complete transverse lesion. There was a spinal block and we operated on her immediately after admission. Dr. Turner took a graft from the left tibia without an anesthetic of any kind and after the decompressive laminectomy, fused her. The cord was swollen but not softened and there were no hemorrhages visible on the surface. I closed the dura loosely and did not incise the pia. The following day she was able to localize touch on the right and left side in the lower extremities and yesterday she could move the toes voluntarily ever so little. Her wounds are satisfactory. She has an elevated temperature due to a pyelitis. She had a compound fracture of the nose which I packed open and which is clearing now. The pressure sores she had at the time of admission look better. I wonder if we have any right to be encouraged as far as the ultimate result is concerned. She is such an active person and has been such an amazingly good sport.

WILDER PENFIELD, M.D.
WILLIAM CONE, M.D.

NEUROSURGICAL
PRIVATE OFFICES

FIFTH FLOOR, TEL. PLATEAU 7424

MONTREAL NEUROLOGICAL
INSTITUTE

3801 UNIVERSITY ST.
MONTREAL, CANADA

- 2 -

Dr. Penfield.

Mr. Fischel seems to be coming along very well. I am going to talk to Raginsky today about putting him on bed exercises. He has such good fudge brought up in five pound boxes that I doubt whether he will be in a fit condition to leave the hospital before September 1st.

Two nights ago I went to Ottawa in consultation and sent the patient in to Dr. Mackay. Today Dr. Hooper called from Grand'Mere asking me to see a head injury but I got Dr. Mackay to go down because of the emergency stuff on hand here. If I finish operating in time this afternoon I am going to Plattsburgh. Last night there was a lovely middle meningeal hemorrhage in a lad about eleven years old. He is doing very well today but still has evidence of a partial third nerve paralysis which I hope we can get photographed late this afternoon, for I believe he is almost well enough to sit up to have it taken. The squint and dilated pupil should show very well.

I cannot think of much more just now and don't need to cry for help yet. So just keep us posted as to your itinerary.

My best to Helen and to you.

Sincerely,

H.V.C.
per M.D.

P.S. Miss McLeod had her appendix removed yesterday under spinal anesthesia and is getting along very well.