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#55 Humewood Drive
Toronto, Canada

TRANSFER

September 26, 1925

TRANSFER

Pharmacy Course in

Executive Committee,
Board of Governors of the
West China Union University,
Per Rev. F. Anderson,
3141 Grosvenor Street,
London, Ontario, Canada.

Dear Mr. Anderson:

In response to the request of the Board of Governors at its meeting in New York on September 24th, (and to your personal request that I send it to you as early as possible), I beg to submit herewith a statement with reference to the proposed Course in Pharmacy in the West China Union University, as per Board of Governors Agenda item #19, and, to state, to some extent, its relation to our missionary endeavors along the lines of Pharmacy in West China.

Sixteen years ago this Autumn, I answered the call to go to West China as a missionary pharmacist. Mr. M. A. Brillinger, also a missionary pharmacist, had preceded me but a year or more, and after the prescribed period of language study, he accepted appointment to the management of the Chung King Business Agency and Drug Depot of the Canadian Methodist Mission, for which there was an urgent call at that time. I am informed that this appointment was not intended to be a permanent one for Mr. Brillinger, but that, inasmuch as the work of Pharmacy in Chengto had not yet been commenced, and the hospital building in which it was to be housed was not yet completed, whereas large parties of missionaries arriving at Chungking during those years, demanded the immediate services of someone in providing transportation accommodation there, there appeared to be no one else at that time as able or willing to at once undertake the task. My arrival in Chengtu naturally relieved the immediate urgency for Mr. Brillinger's return to work exclusively along the lines of his own profession, and perforce of circumstances, he was unfortunately retained in the Chungking Business and Drug Depot for the several years he spent in West China. His thoughts and hopes, however, were much in the interest of the development of pharmacy in West China along the lines of investigation and subsequent utilization in our medical missionary work, of the abundant and varied production of crude medicinal drugs in West China, and as time and opportunity permitted, he collected and classified a large number of these drugs. Unfortunately, however, his early return to the home land prevented the continuance of his investigation. Our West China missionaries very much regret that either Mr. Brillinger or another pharmacist to take his place has not since been sent to co-operate in the development of scientific pharmacy there.

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My arrival on the field in 1909 also almost immediately brought me face to face with the tremendous possibilities in the development of these national resources, and in my endeavors to grapple with the problem of how best to undertake this enterprise, I came to the obvious conclusion that it could best be done through qualified, trained Chinese pharmacists with the assistance of foreign pharmacists. The native pharmacists would be in a much better position than foreigners could be to do this work thoroughly and scientifically from the collection of the crude material whether of vegetable, mineral or animal origin to the analysis and subsequent manufacture and dispensing of the finished pharmaceutical product for use in hospital work and by the public. I felt, as most missionaries do, that to multiply myself in the lives of native pharmacists would be the best and most lasting contribution I could make. To this end, therefore, pharmacy training was gradually commenced, from which developed our present school of pharmacy in the Canadian Methodist mission.

With my years of experience in West China, and as a member of the Senate of our Union University there, and my contact with students of all departments of our Union University, as well as Government schools, I am convinced that what the majority of Chinese students need more than any other form of Education, is education along the line of an industrial profession. I mean by this, something to which there is a certain amount of dignity attached in keeping somewhat with the spirit of the educated Chinese, and at the same time which permits them to earn a good living for themselves while rendering a noble service to their country by the development of its natural resources. West China is in dire need of this type of profession, and I am thoroughly convinced that pharmacy meets this need in an extraordinary measure.

THE SCHOOL OF PHARMACY

The purpose of our School of Pharmacy, therefore, is to train Chinese students of the highest type morally, mentally and physically, in the science and art of Pharmacy, and to establish and develop scientific modern pharmacy in West China on a Christian ethical basis. That there is ample to do for a very large number of qualified Chinese pharmacists is evident.

RESEARCH IN NATIVE CRUDE DRUGS

As stated before, the production of crude drugs in West China is tremendous. The mountain regions of Szechwan, Unnan, and Kweichow, and the regions farther west through Thibet abound in crude drugs of the vegetable kingdom. In the lower hills and plains, too, medicinal plants are either cultivated or grow wild in ample supply. As to drugs of the mineral kingdom, the country is wealthy. Although chemistry has been a part of the curriculum of some of the higher grade government schools for some time, practically nothing has been done in the matter of refining or using the inorganic medicinal pre-

parations. The manufacture, therefore, of the myriad inorganic medicinal drugs remains largely to be undertaken by our pharmaceutical chemists. With such a vast supply of crude drugs of almost every kind within our easy reach, and the important task of research practically untouched as yet, I believe that, for the sake of economy efficiency and progress in our medical and pharmaceutical work the development of this department of work should not be delayed any longer than absolutely necessary.

MANUFACTURE OF PHARMACEUTICALS

Among the native production of crude drugs, there are some, of course, which are classified in our Western Materia Medica. The cost of these manufactured into so-called foreign medicines is very small indeed as compared with the same manufactured product imported from elsewhere. The following few are examples of the great contrast in cost, in general, of foreign medicines imported, and similar medicines manufactured locally, according to formulas and prescribed processes of the Pharmacopoeias:

	Cost of Im- ported Arti- cle per lb.	Cost of Na- tive Products per pound	Saving per pound	Saving per \$1 Invested in Native Product
Fluid Extract of Gentian				
Fluid Extract of Gentian Mex.	2.97	\$.80	\$ 2.17	\$ 2.71
" " Nux.Vomica	2.43	.70	1.73	2.47
" " Licorice	1.53	.70	.83	1.18
" " Rhubarb	6.60	.40	6.20	15.50

(etc., etc.)

The reasons for this wide difference in costs are mainly as follows: While the first cost of the native crude drug is small, to it must be added the following:-

- (1) Heavy transportation charges from West China to England or to the United States, and on bulky drugs as rhubarb this is exceptionally high.
- (2) Chinese Likin (taxes) from province to province.
- (3) The manufacture, by skilled and highly skilled foreign pharmaceutical chemists into modern pharmaceutical preparations as Fluid Extract, etc.
- (4) Other overhead expenses of the manufacturing houses and then the profits.
- (5) The again heavy packing and transportation and insurance and other charges on the bottled, finished products, containing necessary alcohol and water.
- (6) Import tax into China.
- (7) Likin (tax) again from province to province.
- (8) Exorbitant freight charges from Ichang into West China, whether by small steamer or by Chinese junk.
- (9) The attendant risks of entire or partial loss en route through wreckage, breakage or theft, and
- (10) Often deterioration on account of long delays owing to the great distance, and our geographic isolation.

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All these combine to make the cost of medicine almost prohibitive to both Chinese and to our missions in West China. It would naturally be reasonable to expect that it would be very much cheaper to manufacture locally the native crude drug into the required pharmaceutical preparations. It also constitutes a very splendid point of missionary contact, a matter which is of growing importance at this time. The Chinese have great faith in their own medicines and are highly pleased when we make use of them. They naturally have felt our apparent slight of their native production in the past.

As research is carried on, the many drugs of therapeutic value, but not classified in Materia Medica would take the place of these foreign medicines with similar physiological action, and judging from the comparative costs of drugs we already have classified, the saving to our medical missionary work by their use would be equally as much as that in the foregoing examples. I am convinced that large sums of money have been spent through the medical department of our several missions during the past years which might have been saved for other purposes had we been in a position to utilize the native product to a greater extent. Those of us who are conversant with the facts in this connection, and who have the highest interest of our missionary work in general at heart, are strongly of the opinion that this unwarranted expenditure, as we see it, of Mission money, should not continue any longer than necessary, but that every encouragement should be given to the immediate development of research in and subsequent utilization of Chinese drugs. We believe that large sums of money may be saved annually to our Missions in this way, and with our constant difficulties in providing for increasing budgets, this matter should be one for earnest consideration.

I may add there that through the manufacturing and sales sections of our Canadian Methodist Mission Pharmacy Department at Chengtu, this Department, for the year from April 1st, 1924 to March 31, 1925, not only entirely paid its own way, but in addition showed a surplus sufficient to meet the entire deficit for the maintenance of our Changtu Hospital work during the same period. Thus, neither the Changtu Hospital and the Pharmacy Department were a charge on the mission budget, except, of course, for foreign staff. Were not the surplus of the Department of Pharmacy applied to meet the deficit of the Hospital, it might well be said that the Department of Pharmacy, in addition to paying its own way as to general maintenance, had sufficient surplus to meet the salary of the foreign pharmacist. This can scarcely be said of many other departments of our mission work. We believe, too, that these sections of our Pharmacy Department are subject to very considerable expansion and increased income. There is one other aspect in the training of a force of Christian Chinese pharmacists. In connection with our West China General Conference, composed of Chinese Christians and foreigners, it was pointed out that there are

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at present no Chinese laws governing the practice of medicine, pharmacy or dentistry. To man the pharmacies necessary to adequately serve the vast population of 100,000,000 of West China, and to co-operate with our Chinese medical graduates in the matter of dispensing, etc., there would be required on the very conservative basis of one pharmacist for every four thousand people, some 25,000 qualified pharmacists. In the interest of public health and safety trained pharmacists should replace as rapidly as possible those men who sell medicines and poisons indiscriminately for filthy lucre's sake alone. We are endeavoring to build up an indigenous church in China, and I believe there is no better way than to scatter a strong Christian force of Chinese pharmacists among the people to serve through retail pharmacies, and to help our cause generally in church and in business through substantial financial and moral support. Many more of this type of church workers are greatly needed in West China. I may add here that it is our aim to graduate not only well trained scientific pharmacists, but to have them Christian as well, and we have reason to believe that in this regard our efforts are being rewarded. In this connection, therefore, the resolution printed in the Report of the Educational Commission to China a few years ago, relative to pharmacy in China, should at least not apply to our West China field. Our West China Medical workers and many others are of the opinion that, had there been a visit to West China by the Commissions, or had there been a medical worker of West China experience on the Commission, the resolution would probably not have appeared in its present form. Pharmacy can be and is a distinct, practical demonstration of Christianity in West China, and I believe will more and more prove itself a valuable asset to the Christian work there. The geographic isolation of West China should give its problems special consideration.

COURSE OF STUDY

The present course of studies of the School of Pharmacy has been carefully prepared by a joint meeting of the Committee of Management of the School of Pharmacy and the Faculty of Science of the University. This was done both to scrutinize it as to its quality in the matter of receiving the University degree, and as to harmonizing it with the other courses of the University. It has been prepared by the help of catalogues from the best of our colleges of Pharmacy in Canada and the United States. To have the course associated with the Faculty of Science is also not necessarily a new idea, for I have found that there are a large number of Colleges of Pharmacy in the United States which grant the degree of "Bachelor of Science in Pharmacy". I may add that this degree is granted for four years of college work, whereas our course covers a six year period, thus comparing very favorably with our colleges here.

THE PROBLEM OF OUR PRESENT SCHOOL OF PHARMACY

One of the chief problems of our school both for the student and the staff is the lack of university recognition in the form of diploma and degree for the work done. The course as outlined pro-

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vides for six years' work, five of which are done in the several faculties of the University, with only one remaining year of purely pharmacal subjects to be taught in the pharmacal laboratories and class rooms. It, therefore, seems reasonable and fair to the students and to us who are intensely interested in them that if at all feasible, some arrangement should be sought which will suitably recognize the five years of work at the University as well as the sixth year of scientific study in pharmacy proper. With this in view, the Senate of the University most carefully considered the recommendation on the matter as brought in by the Faculty of Science and the Credential Committee, and, upon receipt of the communication from the C.M.M. General Council, Senate Minutes #1790 and #1791 were prepared, and recommended to the Board of Governors for approval. We remembered, of course, that the Senate recommendation of June 1921 that a Faculty of Pharmacy be established in the University, was still before the Board of Governors, having at that time been "laid over for further consideration," and having, apparently, not been acted upon since. In bringing the present resolution it was felt that the important need would be met with the least possible adjustment, and would overcome such difficulties as appeared to be in the way in the matter of establishing a separate faculty. Of course, in either case the teaching staff would consist as it does now, of certain members of both the Science and Medical Faculties with the Pharmacists, and other accepted teachers of Religious instruction, English and Chinese. The course would be identical. I fully appreciate the two apparent points of difficulty raised by Dr. Endicott in his letter to the Board of Governors. In order to help clarify our minds, however, in the fullest consideration of these two points, in the hope of removing them entirely as difficulties, I wish to suggest the following:

- (1) The resolution in its present form involves the granting of a degree by the University for one year's work done in an area at present beyond the control of the University.
- (2) The clause which reads, "With the understanding that those subjects (those of the one year's work in pharmacy proper) will be taught by the C.M.M. at their School of Pharmacy," appears to involve a more or less obligation on the part of the C.M.M. alone to care for this one year's work, though the spirit of the resolution is not thus intended, but rather that it should not be a charge on the University budget. That the assistance and co-operation of individuals and missions outside of the C.M.M. would be given in the work, when necessary, was the natural expectation.

As to the first part, I am of the opinion that this is not or at least should not be a serious difficulty. We already have a concrete precedent in our Chengtu Hospital and our Chengtu Dental Hospital, in both of which there are constantly regular classes in Medicine and Dentistry respectively, taking regular class and clinical studies and living in hospital dormitories, but in all matters are under the control of the Senate of the University.

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Inasmuch, therefore, as it is necessary for the medical students of the University to receive certain important clinical and other instruction in the C.M.M. Hospital, and as a very considerable portion of the budget of the hospital in providing this teaching is met by the work and financial surplus of the Pharmacy Department, it would seem only reasonable and fair that the University fully recognize the one year of pharmacy work as it does the one or more years of work done by the medical students in the same building.

As to the second point,-- It might be an advantage to all concerned to suggest a change in the wording, as follows: that

"with the understand that those subjects will be taught by the C.M.M. at their School of Pharmacy"

be changed to read,

"with the understanding that those subjects will be taught in the C.M.M. Pharmacal Laboratories and class rooms"

With this change, therefore, while the work will still be done in the C.M.M. Pharmacal Laboratories and class rooms, which are already largely equipped, it will not mean that it will necessarily be done by the C.M.M. alone. The work will require only a small foreign staff, and we would hope for at least some assistance along this line, as soon as practicable, from one or two of the larger participating missions other than the C.M.M. The W.M.S. of the Methodist Church, Canada, has authorized the appointment of a lady pharmacist to West China, and it is our hope that her co-operation might also be given in this work when possible. Owing to my furlough, the work has been so arranged that there will be no pharmacy classes in the Pharmacal Laboratories until the Fall of 1927. It will, therefore, be possible for candidates appointed within the near future, to have a reasonable period for the study of the Chinese language before entering into work. In this connection, I may say, that I will be only too pleased to give such assistance as may be possible in the selection of suitable candidates desired. As I am at present in close touch with the Colleges of Pharmacy in Toronto, New York and Philadelphia, I believe I am in a particularly good position to give this assistance if called upon. I shall also be glad to help if desired, to secure financial support for the pharmacy appointees to West China.

The remaining question, then, in connection with the University assuming full control of the proposed department of Pharmacy under the Faculty of Science, is the matter of financial responsibility for the maintenance of the department, and for a possible small amount of additional equipment. I may say that, with regard to

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both of these, I personally will assume responsibility with respect to the work of the year in the C.M.N. Pharmacal Laboratories.

This statement is most respectfully submitted, and with the sincere hope that your executive of the Board of Governors will give the subject in question the sympathetic and favorable consideration desired for the furtherance of the work of the Master in West China.

Yours very sincerely,

(E. N. MEUSER)

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March 29, 1926.

Mr. E.N. Meuser,
Y. M. C. A.,
1421 Arch Street,
Philadelphia, Pa.

Dear Meuser:

Your letter followed me around the country and so I have only been able to reply to you now. In regard to Mr. Carnrick, may I say that he is a member of the Church in Montclair, which has supported me ever since I went to China. I have been in very close touch with him since coming home and because of various other relationships have good hopes of getting a rather large gift from him, for the building or something of the kind. I am sorry to have to ask you to keep your hooks off him, but I think that this will be the wisest thing to do under the circumstances.

You no doubt already know that Cranston has secured the support of a pharmacist for West China from Mr. Gibson of the firm of Gibson & Snow, Albany. That is all settled.

Mary thanks for your warm words of welcome and your good words about my new job in connection with the University. I have always been very keen about the University and am entering upon my new duties with real enthusiasm. I know it will be a long tedious job, but I have confidence in the ultimate success of our efforts.

If you ever come to New York be sure to give me a call. You know the place. Mrs. Ward is still living in Connecticut and will not move down until late summer. Elisabeth and Priscilla are still in France. They ought to arrive just about four weeks from today. They have had a fine winter and I think they have accomplished a good deal in the way of learning to read and speak French. Everybody is well so far as I know.

I saw Bart Brace ten days or so ago and shall probably see him tonight when I attend a mass meeting at Columbia on the Crisis in China. Harry Ward and others will speak. I am to have lunch with Harry Openshaw.

With very best regards to yourself and family, ever,

Sincerely,

JMY/G

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Y.M.C.A., 1421 Arch St.,
Philadelphia, Pa.,
March 18, 1926.

Dr. James M. Yard,
Watertown, Conn.

My Dear J.M.:

When in New York a few weeks ago I learned that you had arrived home in America, and I secured your address with the purpose of writing you at once to welcome you to your own native land, but somehow the pressure of other duties intervened.

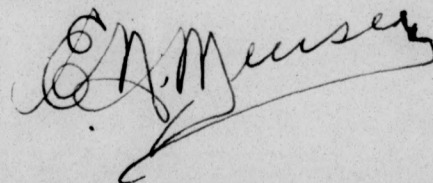
While in New York I called on Messrs. Carnrick & Company whose acquaintance I had made through Dr. Beech some two or three years ago. Strange to say, in reply to one of my letters since my visit to New York, it has come to my notice that you also have been in touch with the same firm and apparently on a similar errand. As you may expect, I am endeavoring to interest them in the support of a pharmacy for West China, or some other larger project in connection with our pharmacy work there. I may say that I have been more or less encouraged with prospects; but feel, however, that I should write you to ascertain just what your particular interests have been with them, so as to avoid any possible conflict and perhaps spoil both our endeavors in that direction. I shall be glad to hear from you as early as possible with regard to this matter.

In my eagerness to get this business off my mind I omitted to welcome Mrs. Yard and family back to America. I hope you had a good journey and that you may have a very pleasant and profitable furlough, for I understand it is to be somewhat of an extended one. You are to be congratulated on the position that has been offered you. I sincerely hope you accepted for I know you will make good at it.

I have been in Philadelphia since October last taking special furlough studies and so far have enjoyed my work very much.

With sincere regards to you one and all from all the
Meusers,

Cordially yours,



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55 Huronwood Drive
Toronto 10, Can. June 17/46

Dr J. M. Ward
450 Fifth Ave
New York City, N.Y.

My Dear Ward,

Had a letter from
Mr. Cheng the other day in which
he told me of his decision to go
to W. China with Mr. Cranston.

He is looking forward to close
co-operation with us in our
Chinese drug research, which I shall
heartily welcome. Am looking forward
to the closest co-operation with
him in all phases of our work.

There is one item on our list
of needs as suggested on the
little folder I sent you which needs

2.
"a word added to it. It is the
"Two Western Pharmacists" item
this should have read ^{Two} Western
Trained Pharmacists" instead. When
this was prepared we had no idea
a Chinese pharmacist might be
available.

Mr. Cheng, like myself, is anxious
about additional apparatus for
our laboratories. I have already
secured some, and with the exception
of probably a couple of delicate
analytical balances we have
enough balances for our lab.
If you are in a position to
secure contributions toward
the work, the following list of
apparatus is necessary and

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would be very welcome:-

- ① 2 Analytical balances (sensitive to at least $\frac{1}{10}$ mg.)
- ② Up to 10 Compound microscopes for immediate use. - very necessary.
- ③ Up to 10 mechanical stages for above microscopes.
- ④ \$200 toward the Equipment of a "Bio-Chemical Assay of Drugs" laboratory which is not listed on the folder.
- ⑤ The Passage to America & return to Chungking of one of our graduates every few years. The tuition is already granted for two years by the Philadelphia College of Pharmacy and Science.
- ⑥ Funds for our library.
- ⑦ Student aid scholarships as listed.

I hope you may be able to secure all or some of these, and will be glad if you will advise me should you succeed. Also, it would be well to keep Mr. Chen informed so that we will not be duplicating unnecessarily.

Kind regards to the family from the Meusers.

Yours sincerely
E. A. Meuser.

P.S.: Am still enjoying the very excellent taste of that Chinese meal!

I suggested to Mr. St. John that when Mr. Carnright makes his contribution to ^{the} book in to China he might care to combine it in a Medico-Pharmacy project. EAM

Chenwood, Ont., Can., July 15/26

Dr. J. M. Yard,
150 Fifth Ave
New York City, N.Y.

Dear James

Many thanks for your letter of July 7th
and for the book from Pout Ching which reached
me at last.

I needed to get new circulars on Pharmacy,
so revised the original somewhat. Am enclosing
the mimeographed circular letter herewith.

In your work for West China there are
two matters in connection with which I think
you can render good service for our
medical & Pharmacy work, viz. —

1. — The W. M. S. of the United Church of Canada,
(Mrs Jas. Stales, 765 Rose Park Drive Toronto, - China Secretary)
is in search of a lady pharmacist for their
hospital work in Chengtu to go to W. China this
Fall if possible. The right person has an
excellent position awaiting her in this work.
Can't you somehow find this person & get her in touch with
2. — The American Baptist Mission has a
pharmacist first on their list of needs for ~~Szechwan~~
W. China for Szechwan. One single man and
one newly married (or about to be married) man
of splendid type and qualifications are available

and ready to go out this fall if appointed.
The Baptist Board had planned to send the
single man when the 20% cut for W. China
was announced, and this made it necessary
to either not send Mr. Lindsey or to send him
and cut the work in W. China ~~by~~ the 20%. They
did the former unless the field chooses the cut
and requests the appointment of Mr. Lindsey.
Could it you somehow raise his salary
for the Baptist Board? Even though in Suifu
his co-operation with our work in Chengtu
would be invaluable.

With sincere regards to all the Yards from
the Messrs.

Yours cordially,

E. N. M.

Elmwood, Ontario, Canada.

July 1926

Dear Friends:-

The following information concerning a very unique missionary enterprise, namely - The School of Pharmacy of Chengtu, West China, - its environment, its purpose and its needs is being sent to you in the hope that it may prove of interest to you, and also to offer you an opportunity of sharing with us in this interesting work which we believe to be a very practical demonstration of Christianity in providing a combined industrial and professional education for many whose services will be of substantial benefit to the native public.

THE ENVIRONMENT OF THE SCHOOL OF PHARMACY.

West China includes the provinces of Szechwan, Kweichow Yunnan and territory to the west. Altogether they have a population of over 100,000,000, almost as much as the entire United States and Canada. In all this vast area, and indeed, so far as we are aware, in all China with its great population of over 400,000,000, there is but one organized School of Pharmacy - the West China School of Pharmacy, at Chengtu, founded in 1920.

The West China Union University, jointly controlled by the several missions operating in West China, is also located at Chengtu. Here students of pharmacy take many of the general courses, though the strictly pharmaceutical work is given in the laboratories and class rooms of the School of Pharmacy.

THE IMPORTANCE AND PURPOSE OF PHARMACY IN W. CHINA.

Research in and Use of China's Crude Drugs Very Important:-

Crude drugs produced in W. China are shipped in large quantities to many parts of the world. Rhubarb, nux vomica, cinnamon, licorice, ginger and cardomum are a few among the great variety exported from W. China. Scientific research would produce many invaluable improvements in their production and distribution methods. A school of Pharmacy located at the centre of this productive area is naturally most familiar with local conditions and best equipped to deal with these problems at first hand. The international importance of many Chinese drugs makes the solution of research problems connected with them of world wide value. The matter also of fostering international goodwill and friendship is of extreme importance at the present time and Pharmacy is in a peculiarly good position to render this service by its research in and use of China's medicinal resources.

Schools of Medicine, Dentistry & Nursing, also Hospitals and Dispensaries in W. China need Pharmacists:-

There are at least fourteen mission hospitals and twenty dispensaries in W. China, as well as numerous military and other medical institutions. Thus far only two of these have qualified pharmacists. The need is obvious.

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West China has one university, two medical schools, one dental school and several nursing schools, the graduates of which will need the help and co-operation of a large number of graduate pharmacists.

Drug Stores in West China Are Being Operated Without Qualified Pharmacists:-

Modern drug stores are being opened everywhere, manned by Chinese, without any knowledge of the science of pharmacy. For the public health and safety they should be replaced as early as possible by qualified native pharmacists.

Public Health:-

Because of the general ignorance of hygiene, sanitary conditions in West China are deplorable. Plagues and epidemics are frequent. Pharmacists thus have a vast field in public health practice.

Chinese People Want Pharmaceutical Education:-

One of the greatest needs of the Chinese students is education in some professional or industrial line, in which they can earn a good living and at the same time enjoy a professional dignity. Pharmacy fully meets this need. The Chinese make splendid pharmacists and like the work. People of all classes are much interested in pharmacy and desire it to be developed in its several branches in West China.

What The West China School of Pharmacy Is Doing To Endeavor To Meet These Needs:-

For the needs outlined above, West China needs, estimating very conservatively, one graduate pharmacist for every 2,500 of its population, a total of 40,000 pharmacists. The West China School of Pharmacy has undertaken to meet, partially, this need. The aim of the school is to train Chinese students of the highest type morally, intellectually and physically in the science and art of pharmacy, and to establish and develop modern pharmacy in West China upon a Christian, ethical basis.

There are many worthy Chinese students who are anxious to study pharmacy to meet these needs. Two things are deterring them. One is the limitations of the staff and equipment of the school. To accommodate the students who desire admittance, an additional staff is required, as well as considerable laboratory and other equipment, to make satisfactory progress.

Desirable Chinese students are also prevented from entering the school for lack of money for necessary fees, books and board.

Fortunately, both of these needs can be met with relatively small financial contributions, because of extremely low living costs in West China.

THE NEEDS OF THE WEST CHINA SCHOOL OF PHARMACY WITH PRACTICAL SUGGESTIONS AS TO HOW SOME OF THEM MAY BE MET:-

The variety of the needs presents a splendid opportunity for constructive philanthropy by both individuals and organizations. All are important. All contributions will be given due recognition in the School Announcements:

1. A Western Trained Pharmacist.
2. Equipment for Pharmacy, Plant Analysis, Bio-Chemic Assay of Drugs and Pharmacognosy Laboratories.

Either new, modern equipment, or usable apparatus which is not necessarily modern will be very much appreciated.

(a) General Items. To be purchased as sufficient contributions are received: Student locker apparatus for plant dissection and microscopic examination, specimen slides, test reagent bottles, lantern slides, charts, plant models, percolators, pycnometers, etc., and apparatus for drug pulverization, extraction, sublimation, desiccation, and for ascertaining refractive index, melting point, specific gravity, optical rotation, etc.

(b) Specific Items. (Including transportation charges to China).

1. Up to 10 compound microscopes at approx. \$160.00. each.
2. Up to 10 mechanical stages for above microscopes at approx. \$20. ea.
3. One polarization microscope at approx. \$175.00.
4. Up to 5 hand microtomes at approx. \$22.00 each.
5. Up to 5 micrometers at approx. \$20.00 each.
6. Two analytical balances (sensitive to 1/10 mg.) at about \$175. ea.
7. One good mimeograph or multigraph duplicating machine at approx. \$175.00.
8. One typewriter.
9. One dictaphone.
10. One water still at about \$40.00.

Further particulars desired with regard to any of the above will be gladly furnished upon request.

3. Botanic Gardens:- Medicinal plant and flower seeds or funds toward their purchase will be welcomed.

4. Library:- An assortment of pharmaceutical and allied scientific books and periodicals is invaluable to any progressive School of Pharmacy. \$200.00 would purchase sufficient for the needs of the West China School of Pharmacy for the present.

5. Scholarships and Awards for Chinese Students Of Pharmacy:-

The courses of the West China School of Pharmacy cover a period of six years after graduation from the Middle or Preparatory School. Three years of the six are taught in the Junior Division of the West China Union University, two years in the Senior Division of the University, and the sixth or final year in the Pharmacy laboratories and class rooms.

General Proficiency Scholarships are granted only to students whose moral, academic and athletic standing is constantly maintained at not less than 75%. The scholarships, are, therefore, a stimulus to diligent application to the courses of study. The following twelve annual scholarships are desired to assist worthy students through school.

(a) Three Senior General Proficiency Scholarships at \$60.00 a year each. These scholarships entitle the holders to free tuition, books and board during the three final years of the Pharmacy course.

(b) Three Senior General Proficiency Scholarships at \$40.00 a year each. These Scholarships entitle the holders to free tuition and books during the three final years of the Pharmacy course.

(c) Three Junior General Proficiency Scholarships at \$40.00 a year each. These Scholarships entitle the holders to free tuition and books in the Junior Division of the University.

(d) Three Junior General Proficiency Scholarships at \$20.00 a year each. These Scholarships entitle the holders to free tuition in the Junior Division of the University.

(e) Graduation Awards: First Prize - A Gold Medal.
Second Prize - A Silver Medal.

6. Fellowships to Graduates for Post-Graduate Studies in Canada or United States:-

It is desired to have one selected Chinese graduate of the W. China School of Pharmacy every 2 or 3 years come to U.S.A. or Canada for advanced studies. The money required for this is approximately as follows:-

(a) Travel from China to Can. or U.S.A. and back again to Chengtu, China will cost about \$600.00.

(b) Living expenses and books for one year in North America will cost about \$700.00.

(c) College tuition and other fees cost approximately \$300.00 for Post-Graduate course.

7. Endowment. One or more substantial endowments for the West China School of Pharmacy would make possible extensive developments in pharmaceutical and medical research.

From the manufacturers of chemicals, biologicals, pharmaceuticals, etc., assistance in the form of financial contributions, laboratory and other equipment, scholarships or other co-operation, would be greatly appreciated, and in addition, sample sets of manufactured products would prove of value.

From the manufacturers of laboratory apparatus, office equipment, and pharmaceutical and chemical manufacturing machinery, either financial contribution, some serviceable piece or pieces of equipment or machinery for demonstration and use, also one or more of the scholarships mentioned would be most welcome and helpful.

From universities and colleges, alumni associations, and individual friends, financial or other donations toward staff, laboratory, equipment, library, scholarships, endowment fund, etc., would be much appreciated.

On behalf of the School of Pharmacy, I trust you may give this matter your earnest, and if possible, favorable consideration, and thanking you in advance, for an early reply, I am,

Yours sincerely,

E.N. MEUSER, *EAM* Ph.M., Phar.D.
(Missionary Pharmacist to W. China and now on furlough)

Elmwood, Ontario, Canada.

0072

Rev. Myford D.D.,
150 Fifth Ave.,
New York City, N.Y.

2040 Retallack St, Regina Canada
Oct 19th

My Dear Dr. Fin.

While we had hoped to sail for China Sept. 16th last, we are being delayed here pending an improvement in political conditions out there. This we all very much regret.

Have had a letter from Dr. Armp, now one of our Foreign Secretaries, giving me the action taken by our United Church Board of Missions on the question of establishing a Department of Pharmacy in the W. C. Union University. It is as follows:—"This Board of Foreign Missions of the United Church of Canada, would respectfully urge upon the Board of Governors of the University that they take into serious consideration, in the near future, the question of establishing a Department of Pharmacy in the West China Union University, in order that students in Pharmacy might be able to graduate in this particular branch of Physical Science".

You probably know that this is the first recommendation along this line that our Canadian Board has passed, to be forwarded to the B. of G. I am told there was only one vote against it, and also that Dr. Endicott was not present when it passed, so you see it was practically unanimous.

Now, this coming from our Board, backing up as it does, the recommendations of the Senate last year on the question, and the recommendation

of our W.C. Gen. Council² last year and again this year, it is to be sincerely hoped that the B. of G. will consider the matter favorably and endorse either the recommendation of Senate or some suitable modification of it. I sincerely hope this can be accomplished at the next meeting of the B. of G.; and with your support and that of Kelly and any others from W. China who may be present it should not have much difficulty even though there may still be opposition from D. Endicott. Favorable action at an early date will be a very welcome message to Mr. Paul Cheng, who, in a letter not long ago, hoped some favorable recognition of grads. in Pharmacy, & the School, might be arranged early. He also suggested, as I have done, that the School or Dept. of Pharmacy, shall not be a charge on the University Budget.

When does the B. of G. next meet? Who are likely to be there from W. China?

Very kindest regards to you and all the family from all the Meusers, and many thanks in advance for all you may be able to do in piloting a suitable Pharmacy resolution through the B. of G.

Yours very sincerely,
E. J. Meuser

P.S. - Would very much appreciate Mr. Paul Cheng's present address E. J. M.



February, 1934.

A Few Facts Concerning Pharmacy in China

The Department of Pharmacy of the West China Union University is the only school of pharmacy permanently located in West China, in a population of approximately one hundred million people. At present it is the only institution offering pharmaceutical education under university control in all China with a population of approximately four hundred and fifty million people.

The present Department of Pharmacy of the West China Union University consists of three main Divisions, viz.:-

- (1) School of Pharmacy.
- (2) Research in Crude Drugs.
- (3) Experimental Manufacture of Chemicals and Drugs.

Each of these Divisions has a Director and an Associate Director in charge. With this organization, and under exceptionally favorable conditions in West China the Department of Pharmacy has developed very rapidly since its inception in 1939.

The courses in Pharmacy in the West China Union University cover a period of four years leading to the degree B.S.P. It is hoped that in the not distant future post-graduate courses will also be opened. The West China Union University has petitioned the Ministry of Education of China to change the Department of Pharmacy to a college of Pharmacy, and it is expected that in due time this petition will be granted.

In the plan to develop pharmaceutical education and pharmaceutical service in China it is the aim to establish departments, schools or colleges of Pharmacy in each of the provinces. The West China Union University will be expected to take a large share in the training of the teaching personnel for these new pharmacy training centers. This will be a great opportunity and also, of course, a great responsibility.

Chengtu, as the capital of Szechwan the most populous province in China, is now regarded as the educational center of free China, and contains the nucleus of education, pharmaceutical and otherwise, for the new and greater China that is to be after the war.

The Public Health Administration of China plans to open a large number of Health centers throughout the country, and desires at least one pharmacist in each of these centers. The Department of Pharmacy



of the West China University is expected to cooperate in supplying this important need.

The Ministry of Education of China has appointed a pharmacy Commission to deal with matters relating to pharmaceutical education and practice throughout China. The director of the Research Division of the Department of Pharmacy of the West China Union University is a member of this Commission. The University, therefore, has direct contact with the Central Government of China in pharmaceutical matters and has a special opportunity to cooperate in directing the future policy of pharmacy in all its branches in China.

The China Pharmaceutical Association has been re-organized with Headquarters at Chungking, China's war-time capital. A West China branch of the Association has also been established in Chengtu with headquarters in the Department of Pharmacy of the West China Union University. Cooperation with pharmaceutical associations in United States, England and Canada would be greatly welcomed and appreciated.

Free China has already undertaken the tremendous task of reconstruction, and West China is now being rapidly remodelled spiritually, educationally, economically and industrially.

There is at present an unparalleled opportunity for the western friends of China to cooperate with her in her splendid program of reconstruction. Practical assistance to China now in her great need to develop her pharmacy program will do much to cement a lasting friendship of mutual benefit after the war.

For the development of pharmaceutical education and pharmaceutical practice and service in China the Department of Pharmacy of the West China Union University, on behalf of pharmacy in China, would greatly appreciate and welcome the early practical cooperation of all Western friends of pharmacy. Cooperation with the following would be of very especial value and significance both for the present and future-

Pharmaceutical Associations, Schools, colleges and Departments of Pharmacy,
Pharmaceutical and chemical manufacturing or distributing companies,
Manufacturers and Distributors of pharmacy sundries,
Optical supplies, Hospital and Laboratory equipment,
Individual friends or groups of friends.



February, 1934.

A LIST OF SPECIFIC AND URGENT NEEDS FOR
THE DEVELOPMENT OF PHARMACY IN CHINA.
(Through the Department of pharmacy of West China Union University
Chengtu, Szechwan)
TOWARD WHICH PRACTICAL CO-OPERATION AND HELP ARE SOLICITED

1. Pharmacy College Building -

This building is planned to accommodate the school or college of Pharmacy, as well as the Research Laboratories. It is to be constructed of brick and stone. 3 stories high, and measuring 50' x 150'. U.S.\$30,000
(A splendid site for this building has been made available, as part of the medical center on the West China Union University campus).

2. Laboratory Furnishings and Equipment -

- | | |
|---|--------------|
| (a) Chinese Drug Research and Pharmacognosy Laboratory | U.S.\$ 2,000 |
| (b) Operative Pharmacy and Dispensing Laboratory | 2,000 |
| (c) Pharmaceutical Chemistry Laboratory | 2,000 |
| (d) Manufacturing Pharmacy Laboratory | 5,000 |
| (e) Five Private Research Laboratories, each | 500 |
| (f) Museum - (1) General furniture as cases, cupboards and tables for display purposes | 1,000 |
| (2) For purposes of demonstration, instruction and display, as complete an assortment as possible of samples of crude drugs, ancient and modern pharmaceutical preparations and specialties, druggists' sundries, hospital supplies, laboratory apparatus, pharmaceutical machinery, optical supplies, photographic supplies and other sample products of manufacturing and distributing institutions who find it possible to co-operate with the school of pharmacy in west china will be gladly received. | |

3. Lecture Room Furnishings and demonstration Equipment - U.S.\$ 1,000

4. Office Furnishings and Equipment -

- | | |
|---------------------------------------|--------------|
| (a) For General office | U.S.\$ 1,000 |
| (b) For five Laboratory offices, each | 500 |



5. Teaching Staff and Salaries -

- | | |
|--|--------------|
| (a) Salary of one fully qualified Chinese pharmacist
for drug research and practical pharmacognosy, per year, | U.S.\$ 1,200 |
| (b) Salary of one fully qualified Chinese pharmacist
for operative pharmacy and dispensing, per year | 1,200 |
| (c) Salary of one fully qualified Chinese pharmacist
for pharmaceutical chemistry, per year | 1,200 |

6. Pharmacy College Library -

One of the most vital needs of any school of Pharmacy is that for a good library. As yet there is barely a nucleus of such a library in west China.

- | | |
|--|--------------|
| (a) Furnishings | U.S.\$ 1,000 |
| (b) Books and Periodicals on pharmacy and Allied
Subjects | 3,000 |

7. Proficiency Scholarships and Prizes -

- | | |
|--|------------|
| (a) Scholarships to assist worthy students with
their tuition, etc., per year | U.S.\$ 100 |
| (b) Prizes for proficiency in individual courses, per year | 50 |

8. Post-Graduate Fellowships -

In the interest of greater efficiency in pharmaceutical teaching in China it is highly desirable that a few specially selected graduates in pharmacy of the west China Union University be sent abroad to England, U.S.A. and Canada each year for post-graduate studies. Three qualified Chinese pharmacists are now available for such fellowships as soon as an opportunity is made possible. A financial grant for travel and other expenses and for study facilities abroad would be greatly welcomed.

- | | |
|---|--------------|
| 9. (a) <u>Botanic Garden</u> - This is to be situated near
the university campus and near to the
Pharmacy College Building. | |
| (b) Maintenance of Botanic Garden, per year | U.S.\$ 5,000 |
| (c) Green House for Botanic Garden | 2,500 |
| | 2,000 |

10. Visual Education -

- (a) Motion Picture Camera and projector (16 mm).
A very helpful contribution for general purposes of teaching, demonstration, etc.
- (b) Motion Picture Films (16 mm). A liberal assortment of 16 mm motion picture films can be used to splendid advantage for all departments of the university and especially in the departments of pharmacy, medicine, dentistry, nursing and general science. These should include 16 mm films on botany, zoology, manufacturing pharmacy, chemistry, physics, anatomy, public health, religion, general science, etc.



11. Radio Receiving Set -

Either cabinet or mantle size, and of good standard made. A combination short and long wave would be most servicable.

This is a splendid medium for establishing and developing general international education and goodwill, as well as for the entertainment of university students, teachers and other friends.

12. Endowments -

- (a) Pharmacy College Endowment, - An endowment which would provide the sum of approximately U.S.\$5000 annually for specific extension work or for maintenance purposes would be a very valuable asset and would be highly appreciated.
- (b) Endowment for Research in Chinese crude drugs - with an abundance and wide variety of crude drugs produced in West China there is an unusually rich opportunity for scientific research in these drugs, and a substantial endowment yielding approximately U.S.\$5000 annually for this purpose would be an exceedingly worth-while contribution.

Your co-operation and help in connection with the above specific needs will be greatly appreciated by all.

Full recognition of all contributions will be given in the University catalogue, Bulletins, etc., unless otherwise desired. Also, reports of the development of the school and other news of interest will be sent to you from time to time.

Correspondence and funds may be forwarded to the West China Union University through any one of the following channels:-

Dr. Evans, Treasurer, Associated Board for Christian Colleges in China.

150-Fifth Ave., New York, N.Y., U.S.A.

Mr. W. Small, Bursar, West China Union University,
Chengtu, Szechwan, China.

Dr. N. Meuser, Department of Pharmacy, West China Union University, Chengtu, Szechwan, China.

A Cable may be addressed as follows:-

"Meuser, West China Union University, Chengtu, Szechwan, China."

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WEST CHINA UNION UNIVERSITY
Chengtú, West China

March 22, 1938

Rev. Frank Anderson, D. D.
26 Grosvenor Street
London, Ontario

Dear Dr. Anderson:

Some time ago I received a letter from the Cabinet of the West China Union University through Dr. A. W. Lindsay, and dated Dec. 16, 1937 enclosing the several minutes passed by that body and by the General Faculty relative to the proposed Pharmacy Building for the University campus. In his letter he stated that these recommendations would be brought before the Board of Directors for their action at their meeting, and then the recommendations would be forwarded on to the Board of Founders through you.

As I have not heard further from him on the matter I thought it possible that he had sent the recommendations mentioned on to you but had failed to let me know about them.

In view of the fact that I am planning to return to West China this coming Fall, and that I am being urged by teachers and student groups in Chengtu to do my utmost to secure the funds necessary to erect this building, I am rather anxious to do what I can in this direction during this Spring and coming Summer.

I will appreciate it if you will keep me informed if you receive communications in connection with this project which you believe may be of help or interest to me.

Thanking you, and with kind regards,

Yours very sincerely,

/s/ E. N. Meuser

0080

West China Union University
CHENG TU, WEST CHINA

DEPARTMENT OF PHARMACY
E. N. MEUSER, PHAR. D.
HEAD OF DEPT.

503 DUFFERIN AVE.
SASKATOON, SASK.
CANADA

June 23/38.

Dr. B.A. Garside,
150 Fifth Ave.,
New York, N.Y., U.S.A.

Dear Dr. Garside,

In a letter to Dr. Anderson, Secretary of the Board of Governors, I proposed sending to each member of the Board a copy of the statement re the Pharmacy Building project, for ready reference, as was done for the Executive Committee meeting. Dr. Anderson in his reply thought it a good idea and suggested that possibly the best way to do this would be to send the lot of mimeographed copies to you for enclosure with the Notice and Agenda of the meeting which will be sent out from your office.

I am accordingly sending to you a parcel containing these statements and trust they reach you in time for the enclosure as suggested. If you will be good enough to send me the bill for the additional postage and other expenses involved I will be glad to pay this. Thanks a lot.

I am hoping it will be possible for me to attend the Board of Governors personally this year as the item re the Pharmacy Building project is of very vital importance to the future of this part of the medical program in China, and particularly important for my next term's work in West China.

With kind regards,

Yours very sincerely,

E. N. Meuser

E. N. Meuser

35 copies
rec'd
6/27/38

*Certainly
Thank*

0081

West China Union University

CHENG TU, WEST CHINA

805 DUFFERIN AVE.
SASKATOON, SASK.
CANADA

DEPARTMENT OF PHARMACY
E. N. MEUSER, PHARM. D.
HEAD OF DEPT.

June 23/38



Dr. R. A. Garfield,
150 Fifth Ave.,
New York, N.Y., U.S.A.

Dear Dr. Garfield,

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statement of the Pharmacy Building project, for ready reference, as was
done for the Executive Committee meeting. Dr. Anderson in his reply
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suggested. It is my hope to send the bill for the
addition of funds and other expenses involved. I will be glad to pay
this. Thank you for it.

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Governors personally this year as the item re the Pharmacy Building
project is of very vital importance to the future of this part of the
medical program in China, and particularly important for my personal
work in West China.

With kind regards,

Yours very sincerely,

E. N. Meuser
E. N. Meuser

28947

2800

*File Copy
please return*

6/27/38

503 Dufferin Ave.,
Saskatoon, Sask.,
1938

Board of Governors of the
West China Union University
per Dr. F. Anderson, Secretary,
26 Grosvenor St.,
London, Ont.

Dear Dr. Anderson:-

RE: PHARMACY BUILDING

It is unnecessary to stress to you the strategic importance of West China as a source area of pharmaceutical and medicinal supplies. Factors in the geological formation and in the historical development of the vast mountainous district to the west of the province of Szechwan have made it a source unique in vegetation, and crude drug resources rarely to be found in any other part of the world. This, accordingly, marks it out as an area in which the study of pharmacy in general and the investigation and in varying degrees the manufacture of drugs and medicinal preparations are destined to form a most important part in West China's future development, supplying employment, wealth and healing to her people.

The pharmacy department in connection with our hospitals and general medical and dental work in West China has long since rendered a beginning in the study, investigation, and in a small way the manufacture of drugs vital to their needs and development. Such activities, as you well know, have been carried on to some extent for over a score of years, and during the past six years have become a part of and have been carried on by the Department of Pharmacy of the West China Union University. As such, this work has not only administered greatly to the efficiency of the general program of medical services in West China, but has met with the enthusiastic approval of the Chinese government and people, and has attracted a constantly growing stream of students, both young men and women.

Such an important enterprise naturally requires adequate housing and equipment if it is to be carried on satisfactorily. Up to the present the best that could be done in the matter of housing accommodation was to occupy small and temporary quarters in one of the Medical-Dental buildings on the University campus. But this has been quite unsatisfactory in very many ways to both the Medical-Dental work and to the work of the Department of Pharmacy, for the space has been urgently needed by the Faculty of Medicine and Dentistry and it has

0083

503 Dufferin Ave.,
Saskatoon, Sask.,
1938

Board of Governors of the
West China Union University
per Dr. F. Anderson, Secretary,
26 Grosvenor St.,
London, Ont.

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Increasingly convinced of the necessity of adequate housing and equipment for the work in Pharmacy, the workers on the field have carefully surveyed the situation. The Faculty of Science, the Faculty of Medicine and Dentistry, then the Cabinet and the General Faculty of the University have in turn considered the matter, and each and all have come to the common conclusion, namely: that a new building specially designed for the needs of a School of Pharmacy

0084

6/27/38

- 2 -

is the only proper and satisfactory solution. The findings of these bodies have accordingly been presented to the Board of Directors of the West China Union University at its recent meeting on March 5th, 1938, and that body has forwarded to your Board of Governors the following series of Resolutions:-

RESOLVED to recommend to the Board of Founders the erection of a Pharmacy Building similar in style and structure to the East and West wings of the Medical-Dental Building, to be planned in such a manner that future extensions to the rear will be possible; that the location of the Building be on the site south of the present Medical-Dental Building, facing and parallel to it.

RESOLVED that in the proposed Pharmacy Building be located classrooms for the teaching of students in Pharmacy, and also laboratories for research in pharmaceutical chemistry and for the experimental manufacture of pharmaceuticals; a department of Pharmacology, which shall be prepared to serve in its teaching work both the Department of Pharmacy and the College of Medicine and Dentistry. This department shall be organised as a separate entity, so that the work in pharmacology will be separated from the present Department of Physiology and Pharmacology. Moreover, the Department of Pharmacology shall be prepared to undertake research work in connection with Chinese drugs.

RESOLVED that in view of the very great number of medicinal plants produced in West China and also of the great likelihood of government assistance being forthcoming for investigations concerning the action and manufacture of these local drugs, research should occupy an important place in the programme of the Departments of Pharmacy and Pharmacology.

RESOLVED to recommend that Dr. Beech, Mr. Small and Dr. Meuser be requested to prepare the plans and detailed estimates for the proposed Pharmacy Building.

Note. It will probably cost Mex. \$40,000.

RESOLVED to recommend to the Board of Founders that permission be secured for Dr. Meuser to raise funds in U.S.A. and Canada for the erection of the Pharmacy Building."

Little need be added to the Resolutions thus presented as they are, we believe, largely self-explanatory. However, as to the matter of the probability of securing financial aid for this project on this continent and elsewhere, it may be said that for some years friendships and contacts have been made and maintained with a number of pharmaceutical and other groups and individual friends, and it is the conviction of those specially concerned that there is reasonable assurance that the estimated amount necessary for this Pharmacy Building project, namely, \$20,000, can be secured within the not distant future.

0085

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The endorsation by the Board of Governors or its Executive Committee of the above recommendations of the Board of Directors is, therefore, respectfully and earnestly requested.

It is further requested that, in order to utilize my services while on furlough in soliciting support for the Pharmacy Building project, authorization be given to Dr. Beech and myself to proceed immediately in the solicitation of funds and equipment in United States, Canada and elsewhere for this purpose.

With kind regards.

Yours very sincerely,

E. N. MEUSER.

0086

West China Union University
CHENG TU, WEST CHINA

DEPARTMENT OF PHARMACY
E. N. MEUSER, PHAR. D.
HEAD OF DEPT.

503 DUFFERIN AVE.
SASKATOON, SASK.
CANADA

July 6/38.

Dr. B. A. Garside,
150 Fifth Ave.,
New York, N.Y., U.S.A.

Dear Dr. Garside,

Thank you for your kind letter of June 27th. just to hand. I shall look forward to being at the meeting of the Board of Governors and to seeing you there.

In the meantime, may I further trouble you by asking you to secure for me, as you did last year, another book of Clergy Fare Certificates (Eastern Clergy Bureau). The number on the 1937 certificates was E 17382. Please have it forwarded to me at c/o Dr. Smith, 56 St. Mary St. Toronto, Can.

I plan to leave here for Toronto tomorrow and will visit several places in the east before the Board of Governors' meeting.

With many thanks, and kind regards,

Yours very sincerely,

E. N. Meuser

1 ck. attached
Dep. 7/15/38 \$ 2.25

0087

West China Union University
CHENGTOU, WEST CHINA

503 DUFFERIN AVE.
SASKATOON, SASK.
CANADA

DEPARTMENT OF PHARMACY
E. N. MEYER, PHARM.D.
HEAD OF DEPT.

RECEIVED
UNIVERSITY

JUL 11 1938

JOINT OFFICE

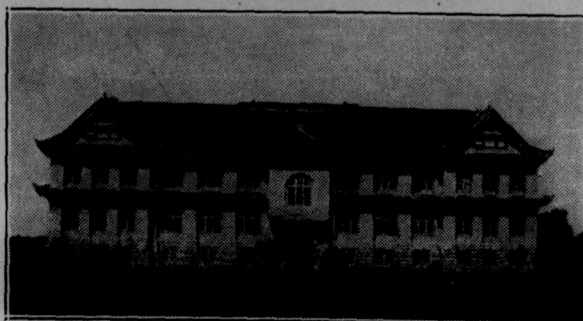
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places in the east before the Board of Governors meeting.
In the meantime, my I further trouble you by asking you to secure
for me, as you did last year, another book of Dr. Mary Jane Garfield's
Eastern (Early Bureau). The number on the 1937 certificate was E 1937.
Please have it forwarded to me at c/o Dr. Garfield, 55 St. Mary St., Toronto, Can.
With many thanks and kind regards,
Yours very sincerely,
E. N. Meyer

8800

289457

West China Union University
CHENG TU, WEST CHINA

DEPARTMENT OF PHARMACY
E. N. MEUSER, PHAR. D.
HEAD OF DEPT.



Proposed College of Pharmacy Building
West China Union University
Chengtu, Szechwan, China

503 DUFFERIN AVE.
SASKATOON, SASK.
CANADA

Aug. 11/38

Mr. C. A. Evans
150 - 5th Ave.,
New York, N.Y.

Dear Mr. Evans

Just a line to thank you for the
cheque for \$38.75 received on account of my travelling
expenses. I greatly appreciate it.

Since coming back from New York I have attended
the Annual Convention of the Canadian Pharmaceutical
Association held in Edmonton, Alberta, and have
just returned home.

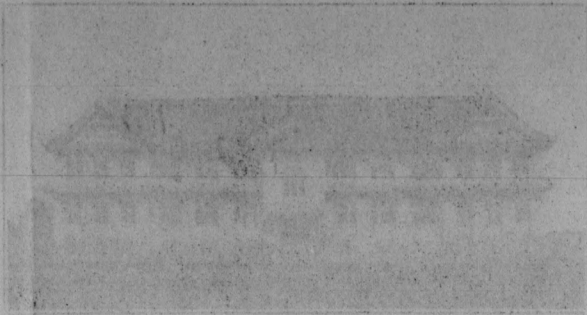
With kind regards,

Yours very sincerely,
E. N. Meuser

0089

RECEIVED
UNIVERSITIES
AUG 15 1938
303 MAIN AVE.
SASKATOON, SASK.
CANADA
JOINT OFFICE

West China Union University
CHENGDU, WEST CHINA



DEPARTMENT OF PHARMACY
E. H. MEYER, PH.D.
HEAD OF DEPT.

Approved College of Pharmacy Building
West China Union University
Chengdu, Szechwan, China

Mr. C. C. Brown
100 - 8th Ave.
New York, N.Y.

Dear Mr. Brown:
I am very pleased to hear from you for the
first time since we last met at the
annual convention of the American
Pharmaceutical Association in
Chicago last year. I am sure you
will find the work of the
Association very interesting and
valuable.

Sincerely,
E. H. Meyer

West China



Union University

Department of Pharmacy
E. N. Meuser, Phar. D.
Head of Dept.

Chengtu, West China Mar. 28th 1939

Mr. Evans,
The Associated Boards for
Christian Colleges in China,
150 Fifth Avenue, New York,
N.Y., U.S.A.

Dear Mr. Evans,

I have just received the enclosed Money Order #862 which was addressed to me at Saskatoon, Sask. Canada, but which did not reach there before I left for China and was re-addressed to me here.

It was intended that I should make certain purchases for the Department of Pharmacy here. I am therefore sending it on to you to be credited to my account for the time being. I am shortly ordering goods from two or three places, and when I get the invoices I will draw on this account through you, if this is not too much trouble to you.

Life in West China at the present time is exceedingly full of interest and very busy.

Thanking you for all favors, and with kind regards to all,

Yours very sincerely,

E. N. Meuser

Draft
M.O. attached
5/5/39 - J. 11. 336
\$ 240.00

0091

West China Union University



Chengdu, West China Union University, 1933

Department of Pharmacy
E. N. Meuser, Pharm. D.
Head of Dept.



Mr. Evans,
The Associated Boards for
Christian Colleges in China,
150 Fifth Avenue, New York
N.Y., U.S.A.

Dear Mr. Evans,

I have just received the enclosed money order #883 which was addressed to me at Saskatoon, Sask. Canada, but which did not reach there before I left for China and was re-addressed to me here.

It was intended that I should make certain purchases for the Department of Pharmacy here. I am therefore sending it on to you to be credited to my account for the time being. I am shortly ordering goods from two or three places, and when I get the invoices I will draw on this account through you, if this is not too much trouble to you.

Life in West China at the present time is exceedingly full of interest and very busy.

Thanking you for all favors, and with kind regards to all,

Yours very sincerely,

E. N. Meuser

2200

28647

West China



Union University

Department of Pharmacy
E. N. Meuser, Phar. D.
Head of Dept.

Chengtu, West China, June 2, 1939.

ack
7/5

Mr. Evans,
Christian Colleges in China,
150 Fifth Ave., New York, N.Y., U.S.A.

Dear Mr. Evans,

For your information I am enclosing a copy of a letter sent to the Alsop Engineering Corp., Milldale, Conn. regarding the payment of an invoice for goods to be forwarded as soon as payment is made.

The Bursar's office is also writing you arranging for your payment of this invoice so that these goods may be dispatched without delay.

Some time ago I sent you a draft for U.S. \$240.00. There will be other items to be paid out of this money of which I will advise you later. It has no connection, therefore, with the payment of the Alsop account.

Work is going on nicely. So far there have been no air-raids here since our return.

Kind regards to all.

Yours very sincerely,

E. N. Meuser

E. N. Meuser

RECEIVED
JUN 11 1939
JOINT OFFICE

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West China Union University

Department of Pharmacy
E. N. Mearns, Pharm. D.
Head of Dept.

Chengdu, West China, June 3, 1939

Mr. Evans,
Christian College in China,
150 Fifth Ave., New York, N.Y., U.S.A.

Dear Mr. Evans,

For your information I am enclosing a copy of a letter sent to the Alcop Engineering Corp., Willdale, Conn. regarding the payment of an invoice for goods to be forwarded as soon as payment is made.

The Bureau's office is also writing you regarding for your payment of this invoice so that these goods may be dispatched without delay.

Some time ago I sent you a draft for U.S. \$240.00. There will be other items to be paid out of this money of which I will advise you later. It has no connection, therefore, with the payment of the Alcop account.

Work is going on nicely. So far there have been no air-raids here since our return.

Kind regards to all.

Yours very sincerely,
E. N. Mearns

RECEIVED
UNIVERSITIES
JUL 1 1939
JOINT OFFICE

West China



Union University

Department of Pharmacy
E. N. Meuser, Phar. D.
Head of Dept.

copy.

Chengtu, West China ~~June 2nd~~, 1939.

Alsep Engineering Corporation,
Milldale, Conn., U.S.A.

Dear Sirs,

Your letter of May 10th. has been received and its contents duly noted.

The two items requiring special attention and comment are those concerning the 1h.p. motor and the matter of payment of the invoice.

Re. the motor, - Since the arrival of your letter I have located a 1 h.p. motor locally which will, therefore, serve our purpose, and this item may be cancelled from the order. Because of this I did not consider it necessary to cable you as requested.

✓ Re. Payment of your invoice, - Arrangements have been made through the office of the Bursar of this University whereby the invoice will be paid through the office of The Christian Colleges in China, 150 Fifth Ave., New York, N.Y.

If you do not hear from the New York office soon after you receive this letter it might be well to get in touch with them.

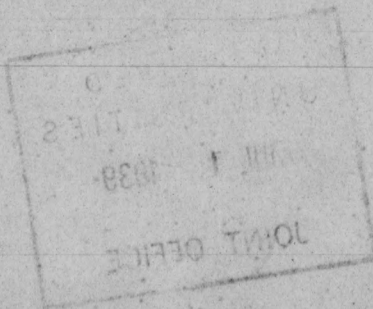
Please consign the goods, therefore, to: - Dr. E. N. Meuser, Dep't of Pharmacy, W. China Union University, Chengtu, Szechwan, China, c/o Mr. T. Low, of Butterfield & Swire, Hongkong. (not to Jardine, Matheson & Co. as previously requested). Send original documents direct to them in Hongkong by airmail and two copies direct to us here. We trust that the goods will be sent forward without further delay.

We believe that you understand our needs in connection with the other items. Our bottles range in sizes from 1/2 oz. to 16 oz.

Thanking you for your kind attention,

Yours very sincerely,

E. N. Meuser



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West China Union University



Chengdu, West China Union University, June 2nd, 1939

Department of Pharmacy
E. N. Messer, Pharm. D.
Head of Dept.

Copy

Alamo Engineering Corporation,
Milledale, Conn., U.S.A.

Dear Sirs,
Your letter of May 10th has been received and its contents
fully noted.

The two items requiring special attention and comment are those
concerning the 1 1/2 p. motor and the matter of payment of the invoice.

Re the motor, - Since the arrival of your letter I have located a 1 1/2 p.
motor locally which will, therefore, serve our purpose, and this item may be
cancelled from the order. Because of this I did not consider it necessary
to cable you as requested.

Re Payment of your invoice, - Arrangements have been made through the office
of the Bureau of this University whereby the invoice will be paid through
the office of The Christian College in China, 150 Fifth Ave., New York, N.Y.

If you do not hear from the New York office soon after you receive
this letter it might be well to get in touch with them.

Please consign the goods, therefore, to: - Dr. E. N. Messer, Dep't of
Pharmacy, W. China Union University, Chengdu, Szechwan, China, c/o Mr. T. Low, of
Butterfield & Swire, Hongkong. (Not to Jardine, Matheson & Co. as previously
requested). Send original documents direct to them in Hongkong by airmail
and two copies direct to us here. We trust that the goods will be sent
forward without further delay.

We believe that you understand our needs in connection with the
other items. Our bottles range in sizes from 1/2 oz. to 16 oz.

Thanking you for your kind attention,

Yours very sincerely,

E. N. Messer



West China



Union University

Department of Pharmacy
E. N. Meuser, Phar. D.
Head of Dept.

Chengtu, West China June 15th 1939.

Mr. Evans,
Christian Colleges in China,
150 Fifth Ave.,
New York, N.Y., U.S.A.

ack
7/5
Note U.S. Bottlers
7/5/39

Dear Mr Evans,

About March 28th, last I sent to you a W.C.U.U. Money Order #862 to be used for the purchase of pharmacy equipment as required.

I have sent an order to U.S. Bottlers Machinery Company, (Mr. I. H. Rissar) for equipment amounting to somewhat over \$150.00 U.S. and have requested them to present a copy of the invoice to you for payment. Let this be your authority, therefore, to pay this account out of the U.S. \$240.00 sent you. Please advise me as to when you have paid the bill and the amount, -per air-mail.

We got quite a jolt last Sunday when a squadron of Japanese planes suddenly flew over the city and dropped both demolition and incendiary bombs. You will know long before this reaches you that our university got a large share of them and suffered considerably. We picked up several pieces of scrap iron sent to us in this way by friends? in U.S.A. & Canada, i.e. these are possible sources.

With best regards,

Yours very sincerely,

E. N. Meuser

E. N. Meuser

0097

✓
July 6, 1939

Prof. E. H. Meuser
West China Union University
Chengtu, Szechwan, China

Dear Professor Meuser:

This will acknowledge receipt of your letter of June 2nd, enclosing a copy of your letter of the same date to the Alsop Engineering Corporation.

Check No. 3086 dated June 21st covered the invoice rendered by the Alsop Company, and was charged to the field account No. 31.1, which is in accordance with your instructions.

The US\$240.00 is still intact, and we notice that the invoice from the U. S. Bottlers Machinery Corporation is to be a first charge against same. Following the instructions contained in your letter of June 15th, we will let you know as soon as the invoice has been paid and the amount of same.

We have had several letters giving details of the bombing on Sunday, the 11th of June. Regardless of the damage which actually was done, we feel that the Lord was with you all in that seemingly those bombs which would have done the most damage did not explode. Apparently the warnings will be more clear and definite after this, which will be of considerable assistance to you all. But along with this we hope that the Japanese will not be able to carry out this procedure very frequently, or will desist from visiting Chengtu entirely.

Most cordially yours,

ROC
CAE

0098

RESEARCH CONTRIBUTIONS

by the

DEPARTMENT OF PHARMACY, WEST CHINA UNION UNIVERSITY

Chengt'u, Szechwan, China

June, 1941.

DIRECTORS OF THE DEPARTMENT OF PHARMACY

WEST CHINA UNION UNIVERSITY

CHENG TU, CHINA.

Dr. E. M. Meuser	:	Department Head, and Director of the Administration Division.
Dr. T. H. Tang	:	Director of the Research Division.
Dr. T. E. Chu	:	Assoc. Director of the Research Division.
Mr. H. L. Li	:	Director of the School Division.
Mr. C. K. Hsieh	:	Assoc. Director of the School Division.
Mr. Z. T. Ling	:	Director of the Experimental Med. -- Chemicals Mfg. Division.
Miss N. C. Hsiao	:	Assoc. Director of the Experimental Med.--Chemicals Mfg. Division.
Mr. T. R. Chu	:	Director of the Experimental Pharmaceutical Props. Mfg. Division.
Mr. C. T. Ting	:	Assoc. Director of the Experimental Pharmaceutical Props. Mfg. Division.
Miss S. Y. Tan	:	Assoc. Director of the Administration Division.

INTRODUCTION

The Department of Pharmacy of the West China Union University was opened in 1932, incorporating the local program of pharmaceutical education undertaken prior to that time. In 1939 the work of the Department was reorganized and expanded and in this re-organization the laboratories of the Research Division were established.

The salaries of the research staff and fellows in these laboratories have been subsidized by the Ministry of Education, the Board of Trustees for the Administration of the Indemnity Funds remitted by the British Government, by the China Foundation for the Promotion of Education and Culture, and other friends, all of which is hereby gratefully acknowledged and appreciated.

The principal aims and purposes of the laboratories of the Research Division are four-fold:--

1. To make a systematic survey of the natural medicinal resources of West China.
2. To develop scientific research on native crude drugs chemically, pharmacologically, and pharmacognostically.
3. To study specific methods of improvement on pharmaceutical processes.
4. To develop experimentation on the use of native crude drugs in the local manufacture of modern medicinal preparations.

Moreover, the staff of the Research Laboratories desires to lay emphasis on the urgent necessity of re-energizing and re-molding the existing forms of pharmaceutical industrial life in China.

Although the research program of the Department of Pharmacy has been considerably handicapped by lack of adequate finances, scientific equipment and mechanical facilities, reagents, etc., and in spite of the comparatively few years since the beginning of this work, creditable and encouraging results have thus far been recorded.

The tremendous production of crude medicinal drugs in West China offers a unique opportunity and challenge for almost unlimited possibilities in systematic research. In order to carry on and develop this important work already begun, however, it is essential that more adequate facilities be made available in money, staff and research equipment, and correspondence in this connection addressed either to Dr. E. N. Meuser or to Dr. T. H. Tang, Department of Pharmacy, West China Union University, Chengtu, Szechwan, China, will be greatly welcomed and appreciated.

The compilations of scientific contributions herein listed largely represents the efforts of the research workers and students of the Department of Pharmacy since its inception, and is presented with the compliments of all members of the Department.

It is our hope that the work thus far done may prove both interesting and of value to the medical sciences in particular and to society in general.
Chengtu, China, June, 1941.

SCIENTIFIC PAPERS, ETC. CONTRIBUTED BY
THE DEPARTMENT OF PHARMACY WEST CHINA UNION UNIVERSITY
Chengtu, W. China

(A) PUBLISHED

1. ESTROGENIC ACTION OF EXTRACTS OF BITUMINOUS COAL FROM SHANTUNG PROVINCE. T. H. Tang, W. C. Wang and C. C. Peng. *Pharmaceutical Archives*, Vol. 11, No. 4, 58, 1940.
2. CHEMICAL STUDIES ON THE ROOTS OF CLAMATIS AUGUSTIFOLIA, JACQUIN. T. H. Tang and Y. S. Chao. *Pharmaceutical Archives*, Vol. 11, No. 4, 60, 1940.
3. CHEMICAL STUDIES ON LEONURES SIBIRICUS, L. T. H. Tang and C. W. Hsu. *J. Chinese Chem. Soc.* Vol. 2, 1940.
4. CHEMICAL STUDIES ON ORTHOSIPHON STAMINEOUS, BENTH. T. H. Tang and C. C. Hsu. *J. Chinese Chem. Soc.* Vol. 2, 1940.
5. CHEMICAL CONSTITUENTS OF A CHINESE INSECT WAX. T. H. Tang and C. W. Wang. *J. Chem. Eng. (China)*
6. SOME NEW DERIVATIVES OF THYMOL. T. H. Tang and C. H. Chao. *J. Chem. Eng. (China)* Vol. 2, 23, 1940.
7. A STUDY OF THE CLARIFICATION OF CANE SUGAR JUICE. T. H. Tang and C. L. Kuo. *J. Chem. Eng. (China)* Vol. 2, 18, 1940.
8. PREPARATION OF OXALIC ACID FROM SUGAR BY CATALYTIC OXIDATION T. H. Tang and F. C. Kou. *J. Chem. Eng. (China)* Vol. 4, 32, 1940.
9. FUNDAMENTALS OF PHARMACY. A text or reference book, illustrated, giving a concise description, in Chinese, of pharmaceutical processes, preparations, system of weights and measures, etc. E. N. Meuser, G. C. Gi and H. Y. Fu.
10. PRESCRIPTIONS, INCOMPATIBILITY & TOXICOLOGY. A reference book on practical problems concerning prescriptions, poisons, antidotes, etc. E. N. Meuser, G. C. Gi and H. Y. Fu.
11. ORGANIC PHARMACY. A brief treatise, in Chinese, on the preparations of the organic materia medica,--Heebner (translated and revised) E. N. Meuser, G. C. Gi and H. Y. Fu.
12. DOSE BOOK. A booklet stating the doses, in metric and apothecary terms, with the therapeutic action of the principal medicines of the British Pharmacopoeia and the United States Dispensatory. E. N. Meuser, G. C. Gi and H. Y. Fu.

(B) PAPERS PRESENTED

1. CHEMICAL STUDY ON NATIVE FOLIA MENTHAE. T. H. Tang, C. C. Ting and S. P. Wu. Presented before the eighth Annual Meeting of the Chinese Chemical Society in Sept. 1940.
2. PRELIMINARY STUDY ON CARYCEPS SINENSIS. T. H. Tang and S. Y. Chen. Presented before the eighth Annual Meeting of the Chinese Chemical Society in September, 1940.
3. SOME NICKEL--CHROMIC OXIDE CATALYSTS FOR HYDROGENATION OF PEANUT OIL. T. H. Tang and M. S. Chang. Presented before the eighth Annual Meeting of the Chinese Chemical Soc. in Sept., 1940.

4. STUDIES ON GLYCERINE FERMENTATION (I) T. H. Tang and C. L. Kuo. Presented to the China Foundation for the Promotion of Education and Culture by the Scientific Research Fellow, C. L. Kuo.

5. STUDIES ON ORGANIC ACID FERMENTATION (I) Gallic Acid Fermentation,--T. H. Tang and C. L. Kuo. Presented to the Board of Trustees for the Administration of the Indemnity Funds Remitted by the British Government, by the Scientific Research Fellow, C. L. Kuo.

6. STUDIES ON ORGANIC ACID FERMENTATION (II) Lactic Acid Fermentation,--T. H. Tang and C. L. Kuo. Presented to the Board of Trustees for the Administration of the Indemnity Funds Remitted by the British Government, by the Scientific Research Fellow, C. L. Kuo.

7. STUDIES ON ORGANIC ACID FERMENTATION (III) Citric Acid Fermentation,--T. H. Tang and C. L. Kuo. Presented to the Board of Trustees for the Administration of the Indemnity Funds Remitted by the British Government, by the Scientific Research Fellow, C. L. Kuo.

8. A STUDY ON THE PROTEIN OF SOJA BEAN. T. H. Tang and Y. H. Chao. Presented to the Board of Trustees for the Administration of the Indemnity Funds Remitted by the British Government, by the Scientific Research Fellow, Y. H. Chao.

9. SAPONIN CONTENT OF CHINESE DRUGS. T. H. Tang and C. C. Peng. Presented to the Board of Trustees for the Administration of the Indemnity Funds Remitted by the British Government, by the Scientific Research Fellow, C. C. Peng.

10. ABSORPTION POWER OF NATIVE WHITE CLAY. T. H. Tang and W. H. Lee. Presented to the Ministry of Education by the Research Fellow, W. H. Lee.

11. A STUDY OF THE SZECHWAN SALT BITTERN. T. H. Tang and C. L. Kuo. Presented before the eighth Annual Meeting of the Chinese Chemical Society in September, 1940.

12. CHEMICAL CONSTITUENTS OF NATIVE INDIGO. T. H. Tang and T. R. Chu. Presented before the eighth Annual Meeting of the Chinese Chemical Society in September, 1940.

13. PREPARATION OF ACTIVE CARBON FROM WASTE HIDE. T. H. Tang and H. S. Tang. Presented before the eighth Annual Meeting of the Chinese Chemical Society in September 1940.

14. NOTES ON THE NATIVE PYROLUSITE. C. H. Lee and T. C. Chen. Presented before the eighth Annual Meeting of the Chinese Chemical Society in September, 1940.

(C) PAPERS TO BE PRESENTED FOR PUBLICATION IN 1941.

1. PREPARATION OF CASEIN FROM DIFFERENT KINDS OF BEAN. T. H. Tang, C. Y. Cho and S. G. Chang.

2. A STUDY OF HESPERIDIN IN NATIVE CORTEX CITRI FRUCTUS. T. H. Tang, Y. P. Wu and S. Y. Cho.

3. ASSAY OF NATIVE RADIX SENEGAE. T. H. Tang and Y. L. Yen.

4. CHEMICAL STUDY ON THE CONSTITUENTS OF NATIVE OL. VALEORLANE. T. H. Tang and H. S. Tang.

5. THE ANTHELMINTIC PRINCIPLE OF NATIVE QUISQUALIS INDICA, L./T. H. Tang, C. L. Chen and K. T. Liao.

6. A CHEMICAL STUDY ON THE OIL OF NATIVE QUISQUALIS INDICA, L. - T. H. Tang, W. C. Liu and L. F. Ho.

7. MICRO-DETERMINATION OF IODINE CONTENT IN SALT FROM SZECHWAN SALT WELLS. T. H. Tang, T. M. Lee and C. C. Liang.

8. A STUDY OF THE COMPOSITION OF "SHAN-TUE" (NATIVE CICADA SHELL). T. H. Tang, S. C. Yang and C. H. Pa.

9. ASSAY OF NATIVE RADIX GENTIANAE. T. H. Tang and H. S. Tang.

10. ASSAY OF NATIVE RADIX RHEI. T. H. Tang and H. S. Tang.

11. ASSAY OF NATIVE RADIX LIQUIRITIAE. T. H. Tang and T. R. Chu.

12. VITAMIN (C) CONTENT OF FRUITS AND VEGETABLES IN SZECHWAN. T. H. Tang, Y. C. Fan and T. A. Fan.

13. ASSAY OF NATIVE RHIZOM. FILICIS. T. H. Tang, S. M. Chien and C. H. Yang.

14. NICOTINE CONTENT OF TOBACCO IN WEST CHINA. T. H. Tang, F. S. Chen and C. Y. Chang.

15. ASSAY OF NATIVE CORTEX GRANATI. T. H. Tang, C. L. Chen and K. T. Liao.

16. THE FERMENTATIVE ACTIVITY OF UREASE OF SOJA BEAN. T. H. Tang and C. W. Wang.

17. INFLUENCE OF HEAT ON THE STABILITY OF EPHEDRINE IN CRUDE EPHEDA DRUG. T. H. Tang and C. W. Wang.

18. EPHEDRINE CONTENT IN THE EPHEDRA DRUG OF WEST CHINA. T. H. Tang and C. W. Wang.
19. STUDIES ON GLYCERINE FERMENTATION (II) T. H. Tang and C. L. Kuo.
20. STUDIES ON ORGANIC ACID FERMENTATION (IV) Gluconic Acid Fermentation. T. H. Tang and C. L. Kuo.

(D) OTHER PAPERS NOT YET PRESENTED FOR PUBLICATION.

1. RESEARCH ON NARCOTICS OF WEST CHINA. Determination of Morphine Content in Opium of Szechwan. E. N. Meuser and H. L. Lee.
2. RESEARCH ON CRUDE DRUGS OF WEST CHINA. Preliminary Study on Pei-Tsieh (*Angelica Anomala*) E. N. Meuser and S. Y. Tan.
3. RESEARCH ON CHINESE STOMACHIC DRUGS (I) Preliminary Study on Huang-Nien (*Coptis Anemonefolia*) E. N. Meuser and P. Y. Cheng.
4. RESEARCH ON THE CHINESE DRUGS USED AS NERVINA EXCITANTIA (I) Preliminary Study on Chuan-Hsiang (*Angelica Refracta*) E. N. Meuser and H. S. Yang.
5. RESEARCH ON PURGATIVE DRUGS OF WEST CHINA. Preliminary Study on Cheh-Lie Tsieh (*Rhusus Heterophyllus*) E. N. Meuser and C. K. Hsieh.
6. RESEARCH ON CRUDE DRUGS OF WEST CHINA. Preliminary Study on Tsueh-Se (*Perilla Nankinensis*) E. N. Meuser and C. F. Liu.
7. RESEARCH ON THE CHINESE ANTHELMINTIC DRUGS (I) Preliminary Study on Chao-Ko (*Gleditschia Japonica*) E. N. Meuser and Y. C. Chen.
8. RESEARCH ON THE CHINESE ANODYNE NARCOTIC DRUGS (I) Preliminary Study on Hiu-Hsieh (*Achyranthes Bidentata*) E. N. Meuser and H. Lee.
9. RESEARCH ON CRUDE DRUGS OF WEST CHINA. Preliminary Study on the Native *Artemisia Vulgaris*. E. N. Meuser and I. C. Lee.
10. RESEARCH ON THE CHINESE ANTIPYRETIC DRUGS (I) Preliminary Study on Fang-Fung (*Siler Divaricatum*) E. N. Meuser and W. C. Chang.
11. RESEARCH ON THE CHINESE ANTIPYRETIC DRUGS (II) Preliminary study on Chao-Ko (*Aconum Costatum*) E. N. Meuser, D. R. Feng and C. C. Wang.
12. RESEARCH ON THE CHINESE DRUGS USED AS NERVINA EXCITANTIA (II) Preliminary Study on Fu-Chieh (*Anconitum Fischeri*) E. N. Meuser, D. R. Feng and T. R. Chu.
13. RESEARCH ON THE CHINESE ANODYNE NARCOTIC DRUGS (II) Preliminary Study on Pan-Hsia (*Rhizoma Pinellia*) E. N. Meuser, D. R. Feng and S. I. Chang.
14. RESEARCH ON THE CHINESE ANODYNE NARCOTIC DRUGS (III) Preliminary Study on Chiang-Ho (*Angelica Sylvestris*) E. N. Meuser, D. R. Feng and C. W. Wang.
15. RESEARCH OF CRUDE DRUGS OF WEST CHINA. Preliminary Study on Radix Ligutiei from Szechwan Province. E. N. Meuser, D. R. Feng and B. L. Lo.
16. RESEARCH ON THE CHINESE ANTHELMINTIC DRUGS (II) Preliminary Study on Ku-Nien-Tsieh (*Melia Toosendan*) D. R. Feng and C. H. Huang.
17. RESEARCH ON EXPECTORANT DRUGS OF WEST CHINA Preliminary Study on Lie-Lo (Botanical Name not yet determined) H. L. Lee, D. R. Feng and S. H. Ho.
18. RESEARCH ON THE CHINESE ANTHELMINTIC DRUGS (III) Preliminary Study on Ya-Tan-Tsieh (*Brucea Javanica*) H. L. Lee, D. R. Feng and E. L. Wu.
19. RESEARCH ON THE CHINESE ANTIPYRETIC DRUGS (III) Preliminary Study on Ching-Kai (*Salvia Plebia*) D. R. Feng and K. L. Fu.
20. RESEARCH ON CHINESE ANTIPYRETIC DRUGS (IV) Preliminary Study on Chin-Kue-Nien (Botanical Name not yet determined) Dr. R. Feng and Y. F. Teng.
21. RESEARCH ON THE DIURETIC DRUGS OF SZECHWAN Preliminary Study on Alisma Plantago, L. D. R. Feng and S. C. Wang.
22. RESEARCH ON THE ASTRINGENT DRUGS OF WEST CHINA Preliminary Study on Pei-Chieh (*Orehis Moria*) D. R. Feng and Y. S. Lee.
23. RESEARCH ON THE CRUDE DRUGS OF WEST CHINA. Preliminary Study on Native Folia *Menthae* D. R. Feng and C. S. Lan.
24. RESEARCH ON THE CHINESE STOMACHIC DRUGS (II) Preliminary Study on Ho-Puh (*Magnolia Hypoleuca*) H. L. Lee, D. R. Feng and Y. F. Wei.
25. RESEARCH ON THE CRUDE DRUGS OF WEST CHINA. Preliminary Study on Leonurus Sibri-cus, L. (Ih-Mu-Chao) D. R. Feng and H. S. Tang.
26. RESEARCH ON CHINESE ANTIPYRETIC DRUGS (V) Preliminary Study on Chin-Kiu (*Instiacia Gendarussa*) D. R. Feng and Y. C. Lung.

27. RESEARCH ON THE CHINESE DRUGS USED AS NERVINA EXCITANTIA (111) Preliminary Studies on Pu-Cheh (*Aconitum Fischeri*) D. R. Feng and D. Y. Liu.
28. RESEARCH ON CRUDE EPHEDRA DRUGS OF WEST CHINA Preliminary Study on Minchiang Ephedra D. R. Feng and H. C. Hsi.
29. RESEARCH ON CRUDE DRUGS OF WEST CHINA Preliminary Study on Native Nardoschys Jatamasi (Kang-Sung) D. R. Feng and D. R. Keng.
30. RESEARCH ON CHINESE ANTIPYRETIC DRUGS (VI) Preliminary Study on Chang-Shan (*Oxiza Japonica*) D. R. Feng and T. L. Lee.
31. EXPERIMENTS ON THE PREPARATION OF LACTOSE FROM WHEY, Z. T. Ling and N. C. Hsiao.
32. EXPERIMENTS ON THE LOCAL PREPARATION OF INJECTABLE GLUCOSE, Z. T. Ling and N. C. Hsiao.
33. EXPERIMENTS ON THE PRODUCTION OF AMMONIA AND AMMONIUM SALTS FROM WASTE NITROGENOUS MATTER, Z. T. Ling and N. C. Hsiao.
34. EXPERIMENTS ON THE PRODUCTION OF MEDICINAL CHEMICALS FROM LOCAL MATERIALS, Z. T. Ling and N. C. Hsiao.

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WEST CHINA UNION UNIVERSITY

Dr. Garside,
150 5th Ave.,
New York City, N. Y.

Chengu, West China, July 20, 1941.

Dear Sir:

With my compliments I am sending, herewith, a copy of a pamphlet, "Research Contributions by the Department of Pharmacy of the West China Union University," which I trust may be of interest to you. It at least indicates to some extent what we are trying to do here in this direction.

Since my return to West China in the Spring of 1939, and despite the many handicaps as a result of the war, the Department of Pharmacy of this University has made consistent and substantial progress in developing systematic research in the many crude drugs of West China, in promoting modern pharmaceutical education in China and in the experimental local manufacture of chemicals and medicines from native crude drugs. There are two main purposes in developing this latter type of work, viz. (1) to give our pharmacy students practical training in processes of manufacture, and (2) to assist in supplying locally, China's urgent war-time needs in medicinal chemicals and drugs.

Commencing in the Spring of 1939 with practically no working equipment and no place in which to work, but with a much appreciated cash contribution from Madame Chiang Kai-shek and the Red Cross Society with which to get started, we have succeeded within two years with building up the work with staff, equipment and stock to such an extent that we are now able to render a greatly welcomed, though limited, service toward meeting China's need. The foundation for a really practical pharmaceutical service to China has now been laid. Requests for medicinal chemicals and drugs are coming to us from many parts of Free China, and while we are doing our best to meet these needs we very much wish that our capacity to help could be considerably increased.

For China's sake and on behalf of the staff of the Department of Pharmacy of the West China Union University I wish to make a special appeal to you for your help and co-operation at this time in the work we have undertaken to do here. I consider this the best opportunity we have yet had to give practical aid to this brave people who have already suffered much and are now suffering in so many ways as a result of the war.

We wish to suggest the following as methods by which concrete, practical help may best be given in co-operating with the Department of Pharmacy of the University here:
Staff; Four Chinese pharmacists, as Assistants for teaching, research and experimental drug manufacture.

Salary (and sundry expenses) each per month, U. S. \$40.00
(See also accompanying itemized list of needs)

Equipment:

- (a) For laboratory glassware and certain other equipment procurable locally
(b) -For equipment needs, see Accompanying list. U. S. \$1000.00

Scholarships: General Proficiency Scholarships, per year, each U. S. \$30.00-30.00
Special Subject Awards per year, each..... U. S. \$40.00

Pharmacy Buildings:

For the development of pharmaceutical education in China the building program for our W. China Union Pharmacy Department calls for two buildings as follows:

Pharmacy Building No.1.-To accomodate the School of Pharmacy, and Research Division..... U. S. \$8000.00

Pharmacy Building No.2.-To accomodate the Experimental Drug Manufacturing Division. (U.S. \$4500 of which \$2000 has already been contributed) additional needed..... U. S. \$2500.00

Furnishings for Pharmacy Buildings:

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Contributions of money may be sent to us here through Mr. Evans, (Treasurer of the Board of Governors of the W. China Union University) 150--Fifth Ave. New York City, U.S.A

For contributions of equipment etc., Mr. Evans, 150 Fifth Ave. New York City, N. Y. U. S. A. should be consulted as to the best method of transportation, etc.

Your co-operation with us here whether by contribution of money or equipment, etc., will be welcomed and appreciated by all. In any case, we will appreciate it if you will also write us direct (by air mail) as to your co-operation so that we may plan accordingly.

Assuring you of our very best efforts on behalf of China and on your behalf if you can find it all possible to co-operate with us, and with kind regards,

College of Science
Department of Pharmacy
E. N. Meuser, Phar. D.
Head of Department.

Yours sincerely,
E. N. Meuser

W. China Union University,
Department of Pharmacy.

September 2, 1941.

AN APPEAL FROM CHINA

Through the Department of Pharmacy of the

West China Union University, Chengtu, W. China,

For IMMEDIATE, PRACTICAL HELP.

The Department of Pharmacy, through its School and Pharmacal Laboratories, has undertaken two important tasks in an endeavor to meet a part of China's urgent present and future need for medicines and for pharmaceutical service. They are - 1. To develop modern pharmaceutical education in China through the School of Pharmacy of the West China Union University; 2. To help toward supplying much needed medicine through the Pharmacal Laboratories of the University and especially during this war period. WE NEED YOUR CO-OPERATION. The following are suggested methods by which specific and direct help may be given:--

1.1 STAFF -

Two Pharmacy School Assistants (Chinese Pharmacists)	
Salary, etc., per month - each	U. S. \$40.00
One Research Assistant (Chinese Pharmacist)	
Salary, etc., per month	U. S. \$40.00
One Exp. Manufacturing Laboratory Assistant (Chinese Pharmacist)	
Salary, etc., per month -	U. S. \$40.00

2. EQUIPMENT -

A. The items listed below constitute some of our specific needs.

B. Money for laboratory glassware as beakers, flasks, etc., which can be procured from local glass factories here, U. S. \$1000.00

1 Polarimeter	1 Refractometer
1 Organic Combustion Furnace with extra combustion tubes	1 Crucible furnace, with crucibles - assorted
1 Long range Hydrogen Ion Comparator	1 Crucible furnace, 220 volt
10 Microscopes	20 Thermometers, 1500C.
10 Analytical Balances	1 Ball Powder Mill, small size
1 Paste Mill, small size	1 Disc Filter with extra discs.
1 Homogenizer, electric, (Club Al. Prod. Corp. Chicago)	1 Rotary Tablet Machine, without pedestal.
1 Suppository Machine	1 Tablet Coating machine, small size
1 Universal Moisture Meter, (electric)	1 Tablet Polishing machine, small size
1 Capsule Filling Machine, small	1 Autoclave, small size, electric or other heat
1 Kymograph, long drum	1 Electric Blower, 220 volt
1 Filter Press, small size	1 Vacuum Dryer, small size
Analytical Reagents for Research and Teaching	1 Dozen boxes red and blue litmus books
Laboratories - The usual Assortment.	

3. SCHOLARSHIPS -

Three General Proficiency Scholarships (These scholarships entitle the holders to free tuition and books)	
Per Year - each	U. S. \$30.00
Five Special Subject Awards - Per Year - each	U. S. \$10.00

4. PHARMACY BUILDINGS -

To meet the rapidly expanding needs of the Department of Pharmacy of the West China Union University two pharmacy buildings are planned - as follows:

1. To accommodate the School of Pharmacy and the Research Division - A Brick building, 3 stories, 50'x150'
COST - U. S. \$80,000 8,000
2. To accommodate the Exp. Manufacturing Laboratories and Business Administration - A Brick building, two stories - 40'x120' - Cost \$45,000. - Of this amount \$20,000 has been contributed, and the building is under construction. Balance needed -
U. S. \$25,000 2,500

5. FIXTURES & FURNISHINGS FOR PHARMACY BUILDINGS -

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6. ENDOWMENTS -

One or more substantial endowments for the Department of Pharmacy of the West China Union University would make extensive and valuable development in pharmaceutical research and education possible. Contributions of money may be made to us here through the Treasurer of the Board of Governors of this University - Mr. Evans, 150 Fifth Ave. New York, N. Y. U. S. A.

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If further information is desired please write us by "China Clipper addressed to - E. N. Meuser, West China Union University, Chengtu, W. China" or cable - Meuser, Kwata, Chengtu, China.

YOUR CO-OPERATION WILL BE APPRECIATED BY ALL

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13 lb. paper

RESEARCH CONTRIBUTIONS
by the
DEPARTMENT OF PHARMACY, WEST CHINA UNION UNIVERSITY
Chengtu, Szechwan, China.
June, 1941.

DIRECTORS OF THE DEPARTMENT OF PHARMACY
WEST CHINA UNION UNIVERSITY
CHENG TU, CHINA.

Dr. E. N. Meuser	:	Department Head, and Director of the Administration Division.
Dr. T. H. Tang	:	Director of the Research Division.
Dr. T. R. Chu	:	Assoc. Director of the Research Division.
Mr. H. L. Li	:	Director of the School Division.
Mr. C. K. Hsieh	:	Assoc. Director of the School Division.
Mr. Z. T. Ling	:	Director of the Experimental Med.--Chemicals Mfg. Division.
Miss N. C. Hsiao	:	Assoc. Director of the Experimental Med.--Chemicals Mfg. Division.
Mr. T. R. Chu	:	Director of the Experimental Pharmaceutical Preps. Mfg. Division.
Mr. C. T. Ting	:	Assoc. Director of the Experimental Pharmaceutical Preps. Mfg. Division.
Miss S. Y. Tan	:	Assoc. Director of the Administration Division.

INTRODUCTION

The Department of Pharmacy of the West China Union University was opened in 1932, incorporating the local program of pharmaceutical education undertaken prior to that time. In 1939 the work of the Department was reorganized and expanded and in this reorganization the laboratories of the Research Division were established.

The salaries of the research staff and fellows in these laboratories have been subsidized by the Ministry of Education, the Board of Trustees for the Administration of the Indemnity Funds remitted by the British Government, by the China Foundation for the Promotion of Education and Culture, and other friends, all of which is hereby gratefully acknowledged and appreciated.

The principal aims and purposes of the laboratories of the Research Division are four-fold:--

1. To make a systematic survey of the natural medicinal resources of West China.
2. To develop scientific research on native crude drugs chemically, pharmacologically, and pharmacognostically.
3. To study specific methods of improvement on pharmaceutical processes.
4. To develop experimentation on the use of native crude drugs in the local manufacture of modern medicinal preparations.

Moreover, the staff of the Research Laboratories desires to lay emphasis on the urgent necessity of re-energizing and re-molding the existing forms of pharmaceutical-industrial life in China.

Although the research program of the Department of Pharmacy has been consider-

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Moreover, the staff of the Research Laboratories desires to lay emphasis on the urgent necessity of re-energizing and re-molding the existing forms of pharmaceutical-industrial life in China.

Although the research program of the Department of Pharmacy has been considerably handicapped by lack of adequate finances, scientific equipment and mechanical facilities, reagents, etc., and in spite of the comparatively few years since the beginning of this work, creditable and encouraging results have thus far been recorded.

The tremendous production of crude medicinal drugs in West China offers a unique opportunity and challenge for almost unlimited possibilities in systematic research. In order to carry on and develop this important work already begun, however, it is essential that more adequate facilities be made available in money, staff and research equipment, and correspondence in this connection addressed either to Dr. E. N. Meuser or to Dr. T. H. Tang, Department of Pharmacy, West China Union University, Chengtu, Szechwan, China, will be greatly welcomed and appreciated.

The compilation of scientific contributions herein listed largely represents the efforts of the research workers and students of the Department of Pharmacy since its inception, and is presented with the compliments of all members of the Department.

It is our hope that the work thus far done may prove both interesting and of value to the medical sciences in particular and to society in general.
Chengt, China, June, 1941.

SCIENTIFIC PAPERS, ETC. CONTRIBUTED BY
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1. ESTROGENIC ACTION OF EXTRACTS OF BITUMINOUS COAL FROM SHANTUNG PROVINCE. T. H. Tang, W. C. Wang and C. C. Peng. Pharmaceutical Archives, Vol. 11, No. 4, 58, 1940.
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5. CHEMICAL CONSTITUENTS OF A CHINESE INSECT WAX. T. H. Tang and C. W. Wang. J. Chem. Eng. (China)
6. SOME NEW DERIVATIVES OF THYMOL. T. H. Tang and C. H. Chao. J. Chem. Eng. (China) Vol. 2, 23, 1940.
7. A STUDY OF THE CLARIFICATION OF CANE SUGAR JUICE. T. H. Tang and C. L. Kuo. J. Chem. Eng. (China) Vol. 2, 18, 1940.
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6. STUDIES ON ORGANIC ACID FERMENTATION (11) Lactic Acid Fermentation,--T. H. Tang and C. L. Kuo. Presented to the Board of Trustees for the Administration of the Indemnity Funds Remitted by the British Government, by the Scientific Research Fellow, C. L. Kuo.

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10. ABSORPTION POWER OF NATIVE WHITE CLAY. T. H. Tang and W. H. Lee. Presented to the Ministry of Education by the Research Fellow, W. H. Lee.
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8. RESEARCH ON THE CHINESE ANODYNE NARCOTIC DRUGS (I) Preliminary Study on Niu-Hsieh (Achyranthes Bidentata) E. N. Meuser and H. Lee.
9. RESEARCH ON CRUDE DRUGS OF WEST CHINA. Preliminary Study on the Native Artemisia Vulgaris. E. N. Meuser and I. C. Lee.
10. RESEARCH ON THE CHINESE ANTIPYRETIC DRUGS (I) Preliminary Study on Fang-Fung (Siler Divaricatum) E. N. Meuser and W. C. Chang.
11. RESEARCH ON THE CHINESE ANTIPYRETIC DRUGS (II) Preliminary Study on Chao-Ko (Anonum Costatum) E. N. Meuser, D. R. Feng and C. C. Wang.
12. RESEARCH ON THE CHINESE DRUGS USED AS NERVINA EXCITANTIA (II) Preliminary Study on Fu-Cheh (Aconitum Fischeri) E. N. Meuser, D. R. Feng and T. R. Chu.
13. RESEARCH ON THE CHINESE ANODYNE NARCOTIC DRUGS (II) Preliminary Study on Pan-Hsia (Rhizoma Pinellia) E. N. Meuser, D. R. Feng and S. I. Chang.
14. RESEARCH ON THE CHINESE ANODYNE NARCOTIC DRUGS (III) Preliminary Study on Chiang-Ho (Angelica Sylvestris) E. N. Meuser, D. R. Feng and C. W. Wang.

15. RESEARCH ON CRUDE DRUGS OF WEST CHINA Preliminary Study on Radix Ligutici from Szechwan Province E. N. Meuser, D. R. Feng and B. L. Lo.
16. RESEARCH ON THE CHINESE ANTHELMINTIC DRUGS (11) Preliminary Study on Ku-Nien-Tsieh (Melia Toosendan) D. R. Feng and C. H. Huang
17. RESEARCH ON EXPECTORANT DRUGS OS WEST CHINA Preliminary Study on Lie-Lo (Botanical Name not yet determined) H. L. Lee, D. R. Feng and S. H. Ho
18. RESEARCH ON THE CHINESE ANTHELMINTIC DRUGS (111) Preliminary Study on Ya-Tan-Tsieh (Brucea Javanica) H. L. Lee, D. R. Feng and C. L. Wu.
19. RESEARCH ON THE CHINESE ANTIPYRETIC DRUGS (111) Preliminary Study on Ching-Kai (Salvia Plebia) D. R. Feng and K. L. Fu.
20. RESEARCH ON CHINESE ANTIPYRETIC DRUGS (1V) Preliminary Study on Chin-Kue-Nien (Botanical Name not yet determined) D. R. Feng and Y. F. Teng.
21. RESEARCH ON THE DIURETIC DRUGS OF SZECHWAN Preliminary Study on Alisma Plantago, L. D. R. Feng and S. C. Wang.
22. RESEARCH ON THE ASTRINGENT DRUGS OF WEST CHINA Preliminary Study on Pei-Chieh (Orchis Moria) D. R. Feng and Y. S. Lee.
23. RESEARCH ON THE CRUDE DRUGS OF WEST CHINA Preliminary Study on Native Folia Menthae D. R. Feng and C. S. Lan.
24. RESEARCH ON THE CHINESE STOMACHIC DRUGS (11) Preliminary Study on Ho-Puh (Magnolia Hypolencia) H. L. Lee, D. R. Feng and Y. F. Wei.
25. RESEARCH ON THE CRUDE DRUGS OF WEST CHINA Preliminary Study on Leonurus Sibiricus, L. (Ih-Mu-Chao) D. R. Feng and H. S. Tang.
26. RESEARCH ON CHINESE ANTIPYRETIC DRUGS (V) Preliminary Study on Chin-Kiu (Instiacia Gendarussa) D. R. Feng and Y. C. Lung.
27. RESEARCH ON THE CHINESE DRUGS USED AS NERVINA EXCITANTIA (111) Preliminary Studies on Fu-Cheh (Aconitum Fischeri) D. R. Feng and D. Y. Liu.
28. RESEARCH ON CRUDE EPHEDRA DUGS OF WEST CHINA Preliminary Study on Minchiang Ephedra D. R. Feng and H. C. Hsi.
29. RESEARCH ON CRUDE DRUGS OF WEST CHINA Preliminary Study on Native Nardoschys Jata-masi (Kang-Sung) D. R. Feng and D. R. Kong.
30. RESEARCH ON CHINESE ANTIPYRETIC DRUGS (VI) Preliminary Study on Chang-Shan (Oxixa Japonica) D. R. Feng and T. L. Lee.
31. EXPERIMENTS ON THE PREPARATION OF LACTOSE FROM WHEY, Z. T. Ling and N. C. Hsiao.
32. EXPERIMENTS ON THE LOCAL PREPARATION OF INJECTABLE CLUCOSE, Z. T. Ling and N.C.Hsiao
33. EXPERIMENTS ON THE PRODUCTION OF AMMONIA AND AMMONIUM SALTS FROM WASTE NITROGENOUS MATTER, Z.T. Ling and N. C. Hsiao.
34. EXPERIMENTS ON THE PRODUCTION OF MEDICINAL CHEMICALS FROM LOCAL MATERIALS, Z. T. Ling and N. C. Hsiao.

Department of Pharmacy
West China Union University
Chengtu, Szechwan, China



Feb. 25/43.
Chengtu, West China 19

Mr. Evans,
China Christian Colleges,
150 Fifth Ave.,
New York City, N.Y.,
U.S.A.

Dear Mr. Evans,

I am enclosing herewith, for your information, a copy of a statement regarding the development of pharmacy and pharmaceutical education in China, with an accompanying appeal for assistance and cooperation.

This statement with a covering letter has been sent, or is now in the process of being sent, to a few friends, institutions, etc. whom we have reason to believe are interested in our work here, and who we hope will respond favorably to our appeal.

You will note that I have stated that correspondence and funds may be forwarded to us here through you. As time at present is a very important factor in this matter I felt it best to send these letters out in this way and notify you that I have done so rather than to delay matters by notifying you first. I trust this will not cause you undue inconvenience and that we may have your kind cooperation if and as occasion arises.

All is quiet here at present and the university work going along more or less normally. We are well and enjoying our work and our opportunities here immensely.

Many thanks in advance for all your kindness and trouble, and with kind personal regards,

Yours very sincerely,

E. N. Meuser



0115

June 29, 1943

Mr. E. N. Meuser
Department of Pharmacy
West China Union University
Chengtu, Szechwan, CHINA

Dear Mr. Meuser:

I was greatly interested in the statement you sent with your letter of February 25th regarding the development of pharmacy and pharmaceutical education in China, as it is the type of thinking which we need for our continued publicity. Constantly questions are being asked regarding these various situations which only such material as this can furnish an answer.

It is a very grave question as to the advisability of sending such an appeal at the present time especially as we have no knowledge to whom it was sent. You must know that we are involved in a campaign to raise funds for the Colleges in cooperation with United China Relief which in turn is practically under the guidance of the National War Fund. This appeal therefore should have had the sanction of the United China Relief.

As a result of the appeal being mailed when other Agencies were conducting campaigns, the reception has been most unfortunate. For instance, one telephone call was a personal investigation by a friend of one on your mailing list and I had one fine time trying to adjust the situation. I did my best to save it but had to admit that the procedure was wholly contrary to the understanding with the National War Fund and United China Relief.

You can readily understand that if each department of our Colleges started a similar campaign that our approaches to our constituency would soon be ruined. My greatest hope is that your letter went to a relatively small group. My suggestion is that appeals of this nature be first approved by the Board of Directors and forwarded to our office for implementation in our program. If it does not meet the approval of our Committees then there is no chance of a mailing going out. However we have never turned a deaf ear to any project properly endorsed and submitted through regular channels.

This particular appeal has caused us so much concern and trouble that something in general must be said to the Colleges in China relative thereto. I wish I could gloss over the seriousness of this situation and pass it off as a slip of the tongue but I am the butt of criticism and must defend the larger program of all of the universities.

With sincere personal good wishes to you I am

Most cordially

C.A. Evans

CAE/H
Via China Clipper
c.c. via next Clipper

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Department of Pharmacy
West China Union University
Chengtu, Szechwan, China



Chengtu, West China 19

Sept. 2, 1943.

Mr. C.A. Evans,
Room 903
150 Fifth Avenue,
New York, 11, N.Y.
U.S.A.



ack
11/15/43

Dear Mr. Evans,

Your letter of June 29th in reply to mine of Feb. 25th, last has just arrived and I have read and read it with much interest.

I am very sorry indeed to learn that the appeal we made to a few of our friends in U.S.A. some month ago has caused you so much inconvenience and trouble. My purpose in advising you of what I had done was of course, to avoid this bother to you. As a matter of fact I did not know that you were involved in a campaign to raise funds for the Colleges in coop. with the United China Relief which in turn is practically under the guidance of the National War Fund. Had I know this I should certainly have first sent it for sanction to the U. China Relief. I hope, under the circumstance, that if you have not already presented this appeal to the United China Relief you will do so in order that it may be regularized and included in the campaign now underway.

The list of individuals & institution to whom my letters were sent is a comparatively small one and consists of friends & acquaintance with whom I have kept up a contact by letters etc for more or less the past four years.

With every good wish for the success of the various campaign on behalf of China and with kind personal regards.

Yours sincerely,

ENM/SPL

E.N. Mouson

P.S. - I find on checking over the gifts and grants received so far, which have made the development of this Department possible, that practically all has been received through personal efforts of myself and staff so it is perhaps not surprising for us to have made this appeal to meet our needs.

E.N.M.

0118

January 18, 1944

Dr. E. N. Meuser
West China Union University
Chengtu, Szechwan, CHINA

Dear Dr. Meuser:

I put aside your letter of September 5th for a more convenient time to write you as an immediate reply was not required. Possibly I stress too much the difficulties which involve us in such situations but there are certain individuals who are so meticulous regarding being asked for contributions in the face of a National United drive for funds that sooner or later a direct appeal not directly sponsored by the National War Fund is sure to get into trouble. The Church Committee for China Relief is now so involved in one of these situations that it appears almost a hopeless task to untangle the mess. We have avoided such situations and hope to continue this relationship in the future.

I am thoroughly in accord with your premises that individual personal work is back of any worthwhile enterprise. Practically every one of our Colleges has been built on this basis, but times have changed and there is little which we can do about it.

Very sincerely yours,

C. A. EVANS

CAE/B

Via China Clipper
c.c. via next Clipper

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MAGNUS - MABEE & REYNARD, INC.

16 Desbrosses Street
New York 13, N.Y.

August 3, 1944

West China Union University
c/o Mr. C. A. Evans
150 Fifth Avenue
New York 11, N. Y.

Dear Mr. Evans:

In previous years we have made financial donations to the West China Union University, and we have written direct to the University three separate letters, each more or less in the same vein, to the attention of:

Professor E. N. Meuser
Department of Pharmacy

Dr. T. H. Tang
Director of Research Division

Dr. T. R. Chu
Asso. Director of the Research Div.
Department of Pharmacy

informing them of our willingness to supply our standard university exhibit of Essential Oils and Aromatic Chemicals as well as other products of our manufacture or promotion that the University would like to have. This, of course, is contingent on when and if the exhibits can be sent through due to the present world wide conflict and hostilities now existing.

We hope that our letters will reach their destination and that the three gentlemen enumerated may elect to write us as to their requirements for exhibits when it is possible to send the same to them. We have supplied these exhibits to many universities and schools of pharmacy throughout the United States and in no instance is a charge ever made.

Whatever ideas or thoughts you may have on the subject as enumerated above, please let us know. We would like to hear from you.

Very truly yours,

MAGNUS, MABEE & REYNARD, INC.

JBM:vr

(signed) J. B. Magnus
Vice-President

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Department of Pharmacy
West China Union University
Chengtu, Szechwan, China



BALLOU
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ANS'D 11/16
Chengtu, West China 19

Sept. 2nd, 1944

Associated Board
for Christian Colleges,
150 Fifth Ave, New York City,
N.Y., U.S.A.

Dear Sirs,

An article was recently written by Mr. William Band on
"Science in Chengtu" and I believe forwarded to your office.

Mr. Band has suggested that he understands that it is your
purpose to publish this article, and that I should secure a copy of
it. I will appreciate it, therefore, if you will send a copy to me
either direct or to the University for me, if sending others also.
Thanks.

I would also like to use the section on Pharmacy for
publication in the Journals of Pharmacy and Mr. Band is quite agree-
able that I should do so providing, of course, there is no objection
from your office. We believe this would be helpful publicity for our
work here and I hope we may have your approval.

Yours sincerely,

E.N. Menser

ENM/SPL



0 122

November 16, 1944

Dr. E. N. Meuser
Department of Pharmacy
West China Union University
Chengtú, Szechwan, China

Re: Mr. Band's article "Science
in Chengtu."

Dear Dr. Meuser:

I have your inquiry of September 27 regarding Mr. Band's article on "Science in Chengtu." The story of our connection with that article is a bit complicated and not yet finished. Mr. Band requested that it be not used without the permission of the British Council, for whom in the first place it was written. We wrote them asking for such permission, and their reply to us was lost in transit. Eventually cables were exchanged as well as further letters before the matter was straightened out. There were two or three small sections of the article which they did not wish to have included in any publication for general circulation.

The upshot of it all is that we are just now having the printing done and it will be two weeks or more probably before it is off the press. We will then see that at least one copy and probably several are sent to you at once.

We found the article very interesting and we trust it will so appeal to a large group of people in academic circles, a little more "highbrow" than the usual run of the Associated Boards supporters.

With very best wishes to you in all your work,

Very sincerely yours,

Earle H. Ballou

Via China clipper
c.c. via regular mail
EHB:mec

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December 12, 1944

Dr. E. N. Meuser
Department of Pharmacy
West China Union University
Chengtú, Szechwan, China

Inclosing galley proof of sections on
pharmacy in "Science in...Chengtú."

Dear Dr. Meuser:

"Science in the Christian Universities at Chengtu, China" is now off the press. Several copies are being sent to Dr. Penn. These, however, will not reach Chengtu, I fear, for a long time. I am therefore inclosing the sections of the article which deal with pharmacy as clipped from the galley proof of the article in the hope they may reach you earlier and be of some immediate use. There certainly is no objection to your making any good use of this material, and as the text which we printed was approved by the British Council I believe they will have no objection either.

Very sincerely yours,

Via China clipper. (with inclosure)
c.c. via regular mail.
EHB:mec

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Department of Pharmacy
West China Union University
Chengtu, Szechwan, China

Mr. W.W. Small,
Bursar, W.C.U.U.
Campus.

Dear Mr. Small,

In reply to the question raised in Mr. Evans' letter of Jan. 30th last regarding the transfer of U.S. \$1500.00 of Pharmacy Department funds to Arthur H. Thomas Company. I may say that this is not really an Endowment Fund in the true sense and should not be included in the Endowment accounts in the New York office. It has been so named here to avoid confusing it with our other accounts in the University Bursar's office, little thinking that it would cause confusion instead of avoiding it.

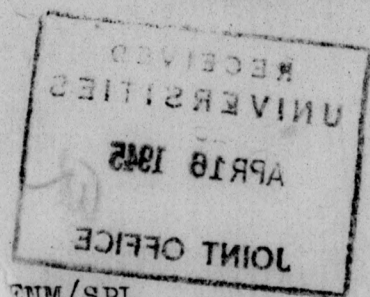
The money constitutes contributions from the members of the Department of Pharmacy Alumni Association and friends to be used for the purchase of Equipment etc for the department from abroad as soon as transport facilities make this possible. It has been an attempt on the part of these Alumni and friends to give assistance to the department in preparation for the normal growth and development of the program of pharmaceutical education after the war.

I hope this explanation will help clarify the matter.

Yours sincerely,

E.N. Mouser

W.C.U.U. Pharmacy Dep't Head



ENM/SPL



Chengtu, West China 19

March 21, 1945.

Ask Mr. Small 7/11/45

0 127

Chengtu, West China
March 21, 1945.



Department of Pharmacy
West China Union University
Chengtu, Szechwan, China

Mr. W.W. Small,
Bureau, W.C.U.U.
Camden.

Dear Mr. Small,

In reply to the question raised in Mr. Evans' letter of Jan. 30th last regarding the transfer of U.S. \$1500.00 of Pharmacy Department funds to Arthur H. Thomas Company. I am sorry that this is not really an Endowment Fund in the true sense and should not be included in the Endowment accounts in the New York office. It has been so named here to avoid confusing it with our other accounts in the University Bureau office, little thinking that it would cause confusion instead of avoiding it.

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I hope this explanation will help clarify the matter.

Yours sincerely,

E.M. Moser

W.C.U.U. Pharmacy Dept. Head



W.C.U.U.

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