

國際基金會慨捐圖書館建築費

國際基金會於五十六年多應本院請，慨捐美金一六、五〇〇元，爲本院創設博士班所需補充研究設備之需。該基金會主席格魯森博士，五十七年十月十五日來臺，皎光除將該一六、五〇〇元用途報告書，面奉博士外，更與洽談圖書館建築費補助事，當蒙表示：如果捐助，應按「同數配款」原則等語。

十一月九日本院正式函洽該基金會捐助美金八萬元，並請求先撥五萬元，餘俟下年度再撥。嗣蒙該基金會於十二月十三日會議通過，並經將美金五萬元支票寄院。該款隨經專案存儲臺灣銀行，備供圖書館建築之用。

茲將(一)本院致基金會主席函，暨圖書館建築補助費申請書，(二)基金會主席覆本院函，(三)本院再致基金會主席函，(四)基金會秘書致本院函，附送美金五萬元支票，(五)本院覆基金會秘書函，(六)本院三致基金會主席申謝函等，依次刊登，藉資報導；且圖促請海內外校友踴躍輸將，以期符合該基金會所提「同數配款」原則耳。

圖書館建築補助費之獲准照撥，實拜程欲明、沈家禎、俞炳昌、屠大奉諸學長鼎力之助，感激之餘，特此申謝。

鍾 皎 光 謹識

本院致基金會主席函暨圖書館 (一)

建築補助費申請書

November 9, 1968

Dr. Magnus I. Gregersen
President
International Foundation
155 Chestnut Street
Englewood, New Jersey
U. S. A.

Dear Dr. Gregersen:

It is beyond my power of expression to describe how glad I was to have met you and Mrs. Gregersen on many occasions during your recent stay here in Taiwan. After an 80-minute pleasant talk with you in your hotel room, I felt much encouraged not only by your favorable comment on our 'Report on the Utilization of the 1968 International Foundation Grant (US\$16,500)' but also by your favorable reaction to our proposed grant from you for helping to finance the construction of a new library.

Not until the aforesaid report has been submitted may we be logically in a position to make another request for a second grant during my tenure of office at Chiao Tung.

The small library, which was constructed ten years ago, has become overloaded with students and faculty members in its reading rooms and with books and periodicals in its stack rooms since 1964, when the enrollment began to include the

I. GENERAL INFORMATION ON CHIAO TUNG

The National Chiao Tung University was founded in Shanghai in 1896 and has hitherto a history of 72 years. She is famous primarily for her contributions through her eminent alumni, who have invariably played important roles in various fields both at home and abroad. Unfortunately, the University fell into the hands of the Communists when they seized the mainland in 1949.

At a concerted request of the Chiao Tung alumni at home and abroad and in view of the importance of electronic development to the national economy and defense, the Ministries of Education, Communications, Economic Affairs, and National Defense jointly recommended, in 1957, to the Executive Yuan the refounding of the University here in Taiwan with the initial establishment of the Institute of Electronics. In July of 1958, the establishment of the Institute was formalized by order of the Government.

The Institute of Electronics offers two-year courses of study leading to the degree of Master of Science in Electrical Engineering. Among the 163 graduates hitherto turned out by the Institute, many have gone abroad for advanced studies and been awarded Doctor of Philosophy degrees; three of these Ph. D's we take pride in now having on our faculty.

In compliance with the instruction from the Ministry of Education and with the urgent request of the alumni, we have now, in addition to the Institute of Electronics, four such undergraduate departments: Electro-physics, Electronic Engineering, Control Engineering, and Communication Engineering, of which the first and the second came into existence

undergraduate students. We have now a total of 711 students including 47 candidates for master's degrees and 3 for doctorates. We thus stand urgently in need of a new library to cope with the existing situation.

Please allow me to take the liberty of submitting to your esteemed Foundation an application for a grant to help finance the construction of a new library. Judging from your generosity as shown in your previous grants awarded to Chiao Tung before and after my assumption of presidency of the College, we anticipate your compliance with our request. Your favorable consideration of the proposal and your presentation of this application to your Board of Trustees for approval would be greatly appreciated by all of us.

I look forward to hearing from you a reply in the affirmative.

Very sincerely yours,
Kow-Kwong Choong
President
NCTU College of Engineering

Enclosure
KKC/jt

To International Foundation
Attention: Dr. Magnus I. Gregersen, President

SUBMITTED BY NATIONAL CHIAO TUNG UNIVERSITY
HSINCHU, TAIWAN, REPUBLIC OF CHINA

"Application for Grant to Help Finance the Construction of a New Library to Meet the Pressing Need of the Fast-Growing Chiao Tung University Refounded in Taiwan"

Institute to start with in the building of the campus in Hsin-Chu, a city 45 miles southwest of Taipei. Among the subsequent additions might be mentioned the Library, the Research Plant, and the Dormitories. The 3-storyed Research Laboratory Building with a floor space of 3,630 square meters was completed in December, 1966. Specifically for the purchase of land, a special fund request for NT\$6,000,000, as included in the College's annual budget for the fiscal year 1968-1969, has been approved by the Government. Consequently, we, after having completed the legal procedure, are now in the process of negotiating with the landlords for the ownership transference of a piece of land covering an area of 46,475 square meters in close proximity to our campus. This will undoubtedly bring about a bright prospect for the extension of the campus and the development of the University.

Government agencies and foreign electronic manufacturers have been very generous in donating research equipment to the University. The Ministry of Education, the Chinese Armed Forces, the Civil Air Transport, Cornell University, Westinghouse Electric Corporation, International General Electric Company, Bell Telephone Laboratories, Marconi Co. of Hongkong, Phillips Co. of Holland, and various electronic manufacturers of Japan have all donated to the University electronic instruments of one kind or the other.

Besides these donations in equipment, grants in cash have also been received by the University. The China International Foundation of New York, the International Foundation of New Jersey, and the U. S. Aid Mission are the cash donors, not to mention the alumni at home and abroad.

With these donated equipment and cash grants Chiao

in 1964, the third in 1965, and the fourth in 1966. Not until May, 1967, was the College of Engineering formally instituted to comprise the Institute of Electronics and the four undergraduate departments.

Never before in her history of 72 years has Chiao Tung offered any program leading to doctorates. However, the College has recently initiated such a program in the field of electronics and subsequently obtained the approval from the Government. Three candidates for doctorates have been enrolled for the first time at Chiao Tung in the fall semester of academic year 1968-1969. The establishment of the doctoral program will certainly serve to meet the demand for engineering scientists of higher caliber as required by the Government's strong advocacy of research and development.

The College has at present 8 professors, 7 associate professors, 15 instructors, and 26 assistants, besides 5 officers for military training. In addition, there are 24 part-time members on the teaching staff, the breakdown being 13 professors, 9 associate professors, and 2 instructors. The College has an overall enrollment of 711 students with the breakdown as 661 undergraduate students including 25 women students and 50 postgraduate students including 3 doctoral candidates and 47 master candidates. We are proud of having been able to enroll invariably the cream of the senior-high graduates through the joint competitive entrance examination held by the universities and colleges under the auspices of the Ministry of Education.

Thanks to the support of government agencies and loyal alumni, a sum of NT\$3,000,000 was raised in 1958 for the

in fields and in times of service, the visiting scholars and international experts all were devoted to their work in helping to revise the curriculum, offering new graduate courses, organizing the Computer Center, setting up new laboratories, and inizing the Computer Center, setting up new laboratories, and introducing the latest research techniques. The visiting schelars include our alumni, Dr. Y. G. Chen, Dr. C. C. Yang, and Dr. N. H. Kuo, who, after having received their doctorates in United States, have set the fine example of becoming faculty members of their alma mater. The appointment of Dr. S. M. Sze of Bell Telephone Laboratories and Dr. L. Y. Wei of Waterloo University as visiting professors for the academic year 1968-1969 will of course bring Chiao Tung all the more up-to-date in every respect.

It seems appropriate to mention the following accomplished facts with a view to indicate Chiao Tung's efforts together with its accomplishments. Chiao Tung is not only the first institution in the Republic of China to have applied electronic computation techniques (December 4, 1961) and to have developed the technique of manufacturing the planar transistors (May, 1965), but also the first and the only in institution the Republic of China that can fabricate gas lasers (November, 1962) and develop the laser modulation techniques (February, 1968).

II. CHIAO TUNG IN NEED OF A NEW LIBRARY

Now that you have been informed of Chiao Tung's present status in all respects, you may be fully aware what she stands in need of. That is what remains to be done as one item of my woak plans among such other items as: (1)

Tung has been able to set up such laboratories as: Electronic Computer Laboratory, Microwave Laboratory, Laser Laboratory, Semi-Conductor Laboratory, Control and Servo-Mechanism Laboratory, Network and Circuit Laboratory, and High Vacuum Laboratory.

The United Nations Special Fund Project for the establishment at Chiao Tung of the Research and Training Center for Telecommunications and Electronics was proposed by the Directorate General of Telecommunications, Ministry of Communications, and was approved in 1960 by the United Nations Special Fund. That the approval of this Project is vitally important to the development of the University is evident from the beneficial provisions of the Project. In order to serve the dual purposes of enhancing the quality of the graduate programs at the University and promoting the advanced training for in-ser-vice engineers and technicians in the Republic of China as well as in other countries of the Southeast Asian region, the Project was provided with a fund amounting to US\$360,100, of which the sum of 150,000 U. S. dollars was to be used exclusively for procuring the research equipment, while the balance financed the services of seven international experts recruited during the three years (1962-1965) of the project. The successful implementation of the Project has greatly enabled Chiao Tung not only to improve the equipment adequacy and research tchnicality of the laboratories, but also to offer many new graduate courses for a revised curriculum.

If it had not been for the services and contributions of the visiting scholars and United Nations experts, Chiao Tung would not have attained her present status. Though differing

to commemorate the University's change in status from the former Institute of Electronics to the present College of Engineering and pledged to contribute to partially cover the construction cost. The Lee Chung Architects and Engineers has taken up the design work of the new library, of which the blue prints (simplified in content and reduced in size for mailing purpose), cost estimates (NT\$4,849,390), and colored photographs showing the library model in plastics and its ground-breaking ceremony, are submitted herewith.

The general layout of the new library is briefly described as follows: (1) The basement provides rooms for storage, power supply, and air-conditioning unit; (2) The ground or first floor is provided with the main lobby with adjoining rooms for periodicals, magazines, cataloguing printing, besides office and workshop. Stack room is immediately adjoining the office and desk, thus a rapid communication can be easily maintained; (3) The second floor is a general reading area, equipped with stacks; (4) The third floor provides also a general reading area together with a reference room, a seminar room, and a lecture room.

The ground-breaking ceremony for the new library was held on April 7, 1968 as the chief feature on the programme for the celebration of the 72nd anniversary of founding of the University. Emphasis is now thrown upon the clarification of two points: (1) That the ground-breaking ceremony was held even before the availability of funds to cover the construction cost is a show of enthusiasm and determination on the part of the Alumni Association. The Association has later decided to apportion the contribution towards the funds as NT\$1,500,000 by alumni at home and NT\$1,000,000 by

Establishment, for the first time in 72 years of history, of doctoral program in the field of electronics; (2) Recruitment of the services of Dr. L. Y. Wei, Dr. S. M. Sze, and Dr. N. H. Kuo as visiting professors and associate professor, respectively, besides Dr. Y. G. Chen and Dr. C. C. Yang; (3) Application to International Foundation for a cash grant of US\$16,500 exclusively for improving the adequacy of research equipment; (4) Application to Wang Laboratories in the United States for the donation of its 360 E. Electronic Calculator together with other accessories; (5) Application to Asia Foundation for donation of books and periodicals, (6) Purchase of a piece of land in close proximity, and equal in area, to the existing campus, for the extension and development of the University.

The existing small library was built ten Years ago, when the University was refounded. It served quite well for the forty graduate students or so until 1964, when the enrollment began to include the undergraduate students. The growth of the number of students from 40 to 711 as of now, as the consequence of the successive additions of four undergraduate departments since 1964 has imposed on the small library an overload of occupants in its reading rooms. Furthermore, the augmented collection of books and periodicals has far exceeded the stack capacity. Consequently, the University stands in need of a large library with sufficient capacities for both the stack room and the reading rooms in order to cope with the fast-growing situations of collection and enrollment, respectively.

To help achieve this end, the Chiao Tung Alumni Association has proposed for the construction of a new library

=4,850,000+170,000+1,380,000-2,500,000-700,000=)NT\$3,200,000 or US\$80,000.

That the proposed special grant of NT\$3,200,000 (or US\$80,000) equals exactly to one-half of the total expenditure (i.e. (1)+(2)+(3)=NT\$6,400,000) is consistent with your principle of fund-matching. However, if this grant (US\$80,000) should be considered too large a sum to be donated altogether in 1968, it could be divided into such two installments as the first one of US\$50,000 in 1968 and the second one of US\$30,000 in 1969.

You as well as all the honorable Board Trustees are cordially requested to comply with our special request for, and thus to approve of, the grant. In appreciation of the kindness and generosity of your esteemed Foundation, we should like to have the new library honored with being christened by your Foundation upon its completion. We look forward to receiving your reply in the affirmative.

Sincerely yours,

Kow-Kwong Choong

President

College of Engineering

National Chiao Tung University

Enclosure

KKC/jt

alumni abroad. (2) That the application to your esteemed Foundation for a cash grant to help finance the construction of the new library is not made until now may be accounted for by the logic of facts that this application should be made after, rather than before, the submittal of the report on the utilization of your previous grant of US\$16,500.

The International Foundation has once and again obliged us with generous grants for the purchase of books and equipment both before and after my assumption of office as ~~supisord~~supisord of Chiao Tung College of Engineering on September 1, 1967. They are: (1) a 1960 grant of US\$20,000 including US\$15,000 for the purchase of books and periodicals and US\$5,000 for the purchase of shelves and furniture for the library; (2) a 1963 grant of US\$5,000 intended for procuring the equipment for instruction and research; and (3) a 1967 grant of US\$16,500 specifically for purchase of research equipment for the doctoral program. Having recently submitted the report on the utilization of the grant of US\$16,500 for the purchase of research equipment, I take liberty to deem it time to apply for a second grant from you during my tenure of office, in the amount of US\$80,000.00. Considering (1) that the cost of construction (NT\$4,850,000) will remain unchanged, (2) that the architectural fees will be 3.5% of the construction cost (NT\$170,000), (3) that the furniture together with air conditioning unit will cost us a sum of NT\$1,380,000, (4) that the Alumni Association will keep the promise to contribute a total of NT\$2,500,000 and (5) that a sum of NT\$700,000 will be appropriated by our Government as requested, the University thus has to solicit a special grant amounting to (1) + (2) + (3) - (4) - (5)

函席主會金基致再院本 (三)

November 28, 1968

Dr. Magnus I. Gregersen
President
The International Foundation
P. O. Box 101
Englewood, New Jersey
U. S. A.

Dear Dr. Gregersen:

I beg to acknowledge with gratitude receipt of your esteemed letter dated November 21, 1968. I am transported with delight to learn that our request has favorably been accorded the first priority. Please accept my thanks and appreciation for your such an unusual favor that would certainly lead to the eventual approval by your honorable Trustees.

I look forward first to hearing from you the eventual affirmative action on our application taken on December 13th and then to having you and Mrs. Gregersen come here again to officiate the inauguration of the new library at Chiao Tung.

Mrs. Choong joins me in sending you and Mrs. Gregersen our warmest regards.

Sincerely yours,

Kow-Kwong Choong

函院本覆席主會金基 (二)

November 21, 1968

President K. K. Choong
College of Engineering
National Chiao Tung University
Hsinchu, Taiwan, China

Dear President Choong,

This is to acknowledge that I have received your request for the Library at Chiao Tung which I shall take pleasure in presenting to the Grants Committee and the Trustees. As they already know from my report to them your request has, in my judgment, the first priority. The Trustees will meet on December 13th, and I can assure you that I will take great pleasure in notifying you that they have taken a firmative action on your request which I rather anticipate they will do.

If all goes well Georgie and I look forward to being present at the Inauguration of the new Library at Chiao Tung. What you are doing at Chiao Tung is of the greatest interest to us, as it is of the greatest importance to the future of Free China.

Georgie joins me in sending our warmest regards to you and Mrs. Choong.

Sincerely yours,
M. I. Gregersen

MIG/mm

I beg to acknowledge with gratitude receipt of your esteemed letter dated December 20, 1968 with a check (12/19/68, Ck. No. 1003) for US\$50,000 as enclosure. It was very kind and generous of your Board of Trustees to have granted our request for the 1968 installment of Foundation's donation towards our library-construction funds.

Upon receipt of the check, we have deposited the same with the Bank of Taiwan in Taipei.

Acknowledgment of your grant is also made in my letter to Dr. Gregersen in addition to the expression of our sincere gratitude for the kindness and generosity of the International Foundation.

With my best regards,

Sincerely yours,

K. K. Choong
President

函請申席主會金基致三院本 (六)

December 30, 1968

Dr. Magnus I. Gregersen
President
The International Foundation
P. O. Box 101
Englewood, New Jersey
U. S. A.

Dear Dr. Gregersen:

My reply of November 28, 1968 to your letter dated

票支元萬五金美送附、函院本致書秘會金基(四)

December 20, 1968

National Chiao Tung University
College of Engineering
Hsinchu, Taiwan

Attention: President K. K. Choong

Dear Sirs:

The Board of Trustees of The International Foundation has authorized a grant of \$50,000 to National Chiao Tung University to be applied toward the construction of the new library of the University College of Engineering and by direction I enclose the Foundation's check to the order of the University for this grant.

Very truly yours,
C. J. Colgan

CJC:na
encl

函書秘會金基覆院本 (五)

December 30, 1968

Mr. Charles J. Colgan
Secretary
The International Foundation
250 Park Avenue, New York, N. Y. 10017
U. S. A.

Dear Mr. Colgan:

November 21, 1968 must have reached you in early December of 1968.

In accordance with our anticipation based on the contents of your last letter, we have eventually been favored with the affirmative action taken by your Board of Trustees on December 13, 1968 on our request for a grant of US\$50,000, as the 1968 installment of an application for a total of US\$80,000 towards our library construction funds.

On behalf of the University, I earnestly desire to express our deepest gratitude for the kindness and generosity you and your Board Trustees have shown us in complying with our request for the grant.

The check (12/19/68, Ck. No. 1003) for US\$50,000 has been received as the enclosure of Mr. Colgans letter dated December 20, 1968. Upon receipt of the check, we have deposited the same with the Bank of Taiwan in Taipei.

December 26th is an auspicious day for Chiao Tung on account of the fact that we received the check for US\$50,000 as a grant towards our library-construction funds on December 26, 1968, being exactly one year later than the check for US\$16,500 as a donation for the purchase of research equipment under our doctoral program was received on December 26, 1967. We hopefully expect that on December 26, 1969 your grant of US\$30,000 as the 1969 installment of our request for the library construction funds, will be forthcoming.

You may rest assured that the ultimate sum of the funds raised from other sources for the library construction will be no less than the total of US\$80,000 (of which a sum of US\$50,000 has been given) granted by the International Foundation.

With my best wishes for a happy new year.

Sincerely yours,

K. K. Choong

President

電信事業日新又新的展望

錢其琛

——慶祝第二十二屆電信紀念日

我國電信事業近二十年來，在政府正確領導之下，業已奠定現代化及企業化之基礎。一方面適應臺灣經濟發展之趨勢，改善設備，擴充能量，加強服務，另一方面配合政府反攻大陸之國策，充實動員準備，組訓電信總隊人員，隨時待命召集。不但做到以事業養事業，以事業發展事業之目標，且每年均有鉅額盈餘解繳國庫。回憶大陸淪陷政府遷臺之初，風雨飄搖，全省電信設施在第二次世界大戰殘破之餘，忙於整理復舊，以視目前安定繁榮之狀況，實非始料所及。我全體電信從業員工在舉國上下勵精圖治之大時代中，均能不落人後，埋頭苦幹，復舊工作努力完成之後，立即繼以新建及擴充工程，連續四個四年計劃一氣呵成。至本年底止，預計全省市內電話交換機容量可達二十萬門，為日據時期最高紀錄之五倍半。國內長途電話路數，可達三千九百六十一路，為日據時期最高紀錄之十一倍。電話機密度遵照「中國之命運」一書所定戰後二十年，平均每百人應有電話二百努力邁進，現已超過目標。國際報話路路共計一百

十二路，通達地點遍及世界各地，遠超過前在大陸時期全國對外通信電路之總和。至於新技術新設備之採用，凡近十年來世界最新發展，如越地微波散射電路，陸上同軸電纜，用戶長途撥號系統，乃至衛星通信地面電台，或已完成，或正在建設之中。業務量亦逐年遞增，進展甚速。例如民國五十六年市內電話用戶較上一年度增加百分之十九。話機數較上一年度增加百分之二十，國內長途電話營收較上一年度增加百分之十六，國內電報通數較上一年度增加百分之十四，國際電報通數較上一年度增加百分之十六，國際電話次數較上一年度增加百分之七十五，國際電報交換時間較上一年度增加百分之二十五。財務及經營效率方面成果尤佳，例如獲利能力比率達百分之四十六以上，而營業收支比率僅在百分之五十七左右。十年來年度盈餘增加七倍有餘，而員工人數僅增百分之六十。去年平均每一員工所獲盈餘額達六萬一千餘元。凡此輝煌之成就，皆為我電信同人集體辛勤之結果。故歷年來本局考成均蒙政府評列甲等，並頒給獎金，雖