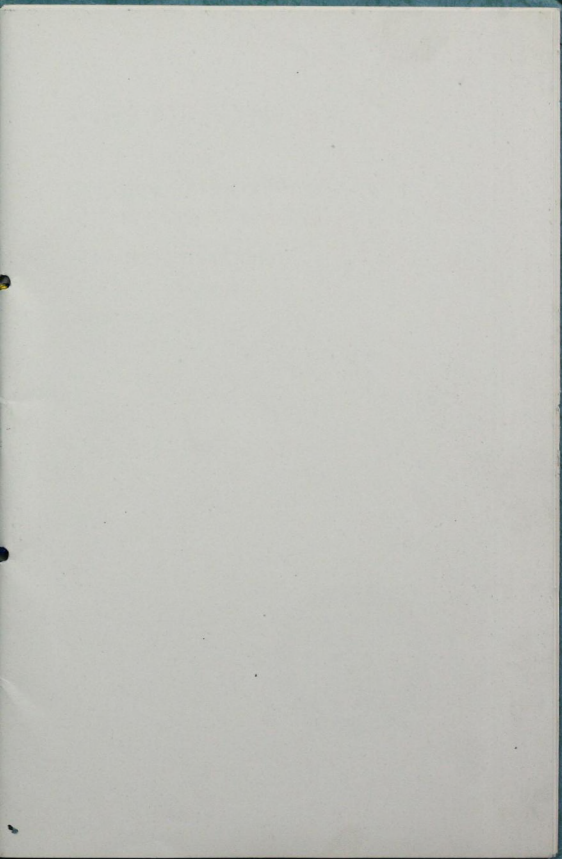
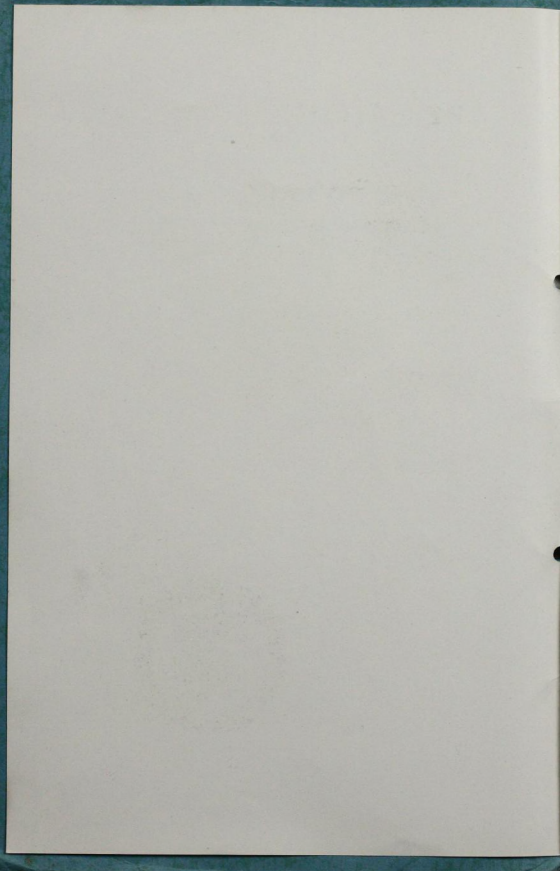


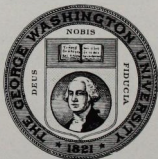
PETITION







PETITION
TO THE
THETA TAU FRATERNITY
FROM
PHI THETA XI FRATERNITY
OF THE
GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.





HOUDON STATUE of GEORGE WASHINGTON

This bronze statue of George Washington, a replica of the only one modeled from life, is an outstanding feature of the University Yard.

PHI THETA XI FRATERNITY

THE GEORGE WASHINGTON UNIVERSITY

Washington, D. C.

April 1, 1934

The Executive Council of Theta Tau Fraternity,

Gentlemen:

We, the undersigned Active Members of the Phi Theta Xi Fraternity, a recognized local Fraternity of The George Washington University, do hereby formally petition The Executive Council of the Theta Tau Fraternity and its several Chapters for a Charter.

Paul L. Moats

James L. Johnson

Frank E. Bailey

Thos. A. Bradford

Jerry J. Melidunas

Edward A. Baker

Jack C. Davis

Wm. H. Morgan

Terrie B. Gilley

Ray A. Heimbarger

Albert H. Hebrustine

Carl O. Hoffman

Lee L. Huntzberger

Carl D. Johnson

Warren L. Lawton

J. Harold Link

Robert E. Morgan

Caleb A. Motz

John E. Parsons

Jules L. Phillips

Emil Press

Joseph B. Ragan

Walter S. Rhine

Harold L. Sangster

Alan M. Stubby

LeChester Thom

Herbert C. Thom

Edward J. Thomas

Fred W. Traub

Donald M. Whitmeyer



PHI THETA XI ACTIVE CHAPTER

Seated:— H. C. S. Thom, Phillips, Morgan, Bradford, J. L. Johnson, Moats, Bailey, McAdams, Ellenberger, G. C. Thom;

Standing:— C. D. Johnson, Motz, Helvestine, Rhine, Heimberger, Thomas, Huntzburger, Lawton, Baker, Sangster, Filley, Ragan, Davis, Staubly, Traband, Whitmeyer, Press, Parsons, Hoffman, Link.

PHI THETA XI FRATERNITY

(Founded at George Washington University, March 25, 1927)

FRATRES IN FACULTATE

- JOHN RAYMOND LAPHAM, M.S. Professor of Civil Engineering, Dean of the School of Engineering.
- NORMAN BRUCE AMES, B.S., E.E., LL.B. Professor of Electrical Engineering, Executive Officer of the Department.
- FRANK ARTEMAS HITCHCOCK, M.S., C.E. Professor of Civil Engineering, Executive Officer of the Department.
- BENJAMIN CARPENTER CRUICKSHANKS, B.S. in M.E. Associate Professor of Mechanical Engineering.

FRATRES IN UNIVERSITATE

- PAUL L. MOATS, President, Electrical, '36, Brunswick, Maryland
- JAMES L. JOHNSON, Vice-President, Electrical, '34, Apple Creek, Ohio
- FRANK E. BAILEY, Secretary, Mechanical, '36, Olney, Illinois
- THOMAS A. BRADFORD, Treasurer, Civil, '36, Washington, D. C.
- TERRY J. McADAMS, Sergeant-at-Arms, Civil, '37, Denver, Colorado
- EDWARD A. BAKER, General, '37, Washington, D. C.
- JACK C. DAVIS, General, '35, Indianapolis, Indiana
- WILLIAM J. ELLENBERGER, (Alumni Secretary, 1932-34), Mechanical, '34; B.S. in Electrical, '30, Wadsworth, Ohio
- FERRIS B. FILLEY, Electrical, '36, Akron, Ohio
- RAY A. HEIMBURGER, Civil, '35, Sandusky, Ohio
- ALBERT H. HELVESTINE, Electrical, '35; B.S., '33, Washington, D. C.
- CARL O. HOFFMAN, Mechanical, '36, Laurel, Maryland
- LEE I. HUNTZBERGER, General, '37, Chevy Chase, Maryland
- CARL D. JOHNSON, Mechanical, '35, Boston, Massachusetts
- WARREN L. LAWTON, Civil, '34, Washington, D. C.
- J. HAROLD LINK, Electrical, '37, Baltimore, Maryland
- ROBERT E. MORGAN, Electrical, '39, Alexander, West Virginia
- CALEB A. MOTZ, Electrical, '36, Nashville, Tennessee
- JOHN E. PARSONS, Electrical, '38, Washington, D. C.
- JULES L. PHILLIPS, Civil, '36, Washington, D. C.
- EMIL PRESS, Civil, '35, Washington, D. C.
- JOSEPH B. RAGAN, Electrical, '36, Washington, D. C.
- WALTER F. RHINE, Civil, '36, Washington, D. C.
- HAROLD L. SANGSTER, Electrical, '36, Burke, Virginia
- ALAN M. STAUBLY, Civil, '35, Martinsburg, West Virginia
- G. CHESTER THOM, Mechanical, '34; B.S. in Electrical, '32, Washington, D. C.
- HERBERT C. S. THOM, Mechanical, '36, St. Paul, Minnesota
- EDWARD J. THOMAS, Mechanical, '36, Dayton, Ohio
- FRED W. TRABAND, Civil, '40, Washington, D. C.
- DONALD N. WHITMEYER, Mechanical, '35, Cattaraugus, New York

JOHN RAYMOND LAPHAM, M.S.



Dean John Raymond Lapham became associated with the George Washington University in 1916 as an Assistant Professor in Civil Engineering.

In 1926 he took over the position of Dean of the Engineering School, which position he has held to the present date. Recently Dean Lapham was on sabbatical leave, during which time he did intensive research work in Sanitary Engineering at Johns Hopkins University.

He has had numerous interests before becoming Dean which include work in the U. S. Housing Corporation, construction work, and special investigations and tests for manufacturers and users of cement and allied products.

The Dean holds membership in the following organizations: Acacia and Sigma Tau fraternities, A. S. C. E., A. C. I., S. P. E. E., A. A. E., and the Washington Society of Engineers.

NORMAN BRUCE AMES, B.S., E.E., LL.B.



Professor Ames started teaching at George Washington University in 1920 as an instructor in Electrical Engineering. The position of Professor and head of the Department of Electrical Engineering was given him in 1929.

He has received degrees from Mississippi A. & M., George Washington University, Massachusetts Institute of Technology, and Harvard in engineering and the degree of Bachelor of Laws from George Washington University. His professional degree of Electrical Engineering was bestowed upon him at George Washington University in 1929.

Professor Ames holds membership in the Delta Tau Delta and Sigma Tau fraternities, and in the A.I.E.E.

FRANK ARTEMAS HITCHCOCK, M. S., C. E.



Professor Hitchcock became affiliated with the George Washington University in 1926 and has risen since that time to the position of Professor of Civil Engineering and Executive Officer of the Department of Civil Engineering. He received his first degree, B.S. in C.E. at the University of Wisconsin, and his Master's degree at Christian Brothers College where he served as Instructor of Civil Engineering in 1915-16. He took his Professional degree at Cornell, where he taught for three years.

Before coming to the University, Professor Hitchcock held the position of Engineering Physicist at the Bureau of Standards.

He is a member of Gamma Alpha and Sigma Tau fraternities, A.S.T.M., and the Washington Society of Engineers.

BENJAMIN CARPENTER CRUICKSHANKS, B. S. in M. E.



Professor Cruickshanks graduated from the School of Engineering of the George Washington University in 1920 with the degree of B.S. in M.E., and was immediately appointed to the faculty as Instructor in Mechanical Engineering. In July 1923 he became Editor of "The Locomotive," a semi-technical publication. In September 1927 he was appointed Assistant Professor of Mechanical Engineering at George Washington University, and in September 1933 he was appointed Associate Professor of Mechanical Engineering.

Professor Cruickshanks has worked as Research Associate at the Bureau of Standards on various problems during different summers, and is the author of articles in various technical magazines.

He is a member of Sigma Phi Epsilon and Sigma Tau fraternities, and of the A.S.M.E. and S.P.E.E. professional societies.



An Attractive Spot in the University Yard.

Activities of Members



REPRESENTATIVES ON COUNCIL:

Member of Student Council from School of Engineering:
Johnson, J. L., *President*
From Phi Theta Xi: Link, *Vice President*
Moats, *Treasurer*
From A. S. C. E.: McAdams, *Social Chairman*
From A. S. M. E.: Thom, H. C. S.
From Sigma Tau: Huntzberger

ANNUAL ENGINEERS' BALL COMMITTEE

McAdams, *Chairman*, '34
Heimbürger, *Chairman*, '33
Huntzberger
Thom, H. C. S.
Link
Johnson, J. L.
Thom, G. C.
Moats
Bradford
Ragan
Hoffman

ANNUAL ENGINEERS' BANQUET COMMITTEE

McAdams, *Chairman*, '34
Baker
Huntzberger
Johnson, J. L.
Link
Moats
Thom, H. C. S.
Thom, G. C.

AMERICAN SOCIETY OF CIVIL ENGINEERS STUDENT CHAPTER

Heimbürger, *President*, '33
Lawton, *Vice President*, '33
McAdams, *President*, '34
Phillips, *Secretary*, '34

AMERICAN SOCIETY OF MECHANICAL ENGINEERS STUDENT CHAPTER

Thom, H. C. S., *President*, '33
Vice President, '34
A. S. M. E. Prize Winner, '33
Hoffman
Thomas

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS STUDENT CHAPTER

Ellenberger
Johnson, J. L.
Link
Moats
Motz
Thom, G. C.

PHI ETA SIGMA

(Honorary Freshman Fraternity)
Johnson, J. L.
Parsons

SIGMA TAU

(Honorary Fraternity)

Helvestine, *Vice-President*, '33

Huntzberger, *Corresponding Secretary*, '34

Johnson, J. L., *President*, '33; *Recording Secretary*, '31-'32

Moats, *Vice-President*, '35

Parsons

Staubly

ACACIA FRATERNITY

Baker, *Junior Dean*, '33-'34

Ellenberger

Phillips

SIGMA MU SIGMA FRATERNITY

Johnson, J. L.

Hoffman, *Vice-President*, '34

SIGMI CHI FRATERNITY

Heimbürger, *Secretary*, '33-'34; *Delegate, Inter-Fraternity Council*,

G. W. U., '34

SIGMA ALPHA EPSILON FRATERNITY

Ragan, *Inter-Fraternity Pledge Council, G. W. U.*, '34

THE FRIARS FRATERNITY

McAdams, *Vice-President*, '34

DELTA TAU DELTA FRATERNITY

Thomas

SIGMA THETA DELTA FRATERNITY

Whitmeyer

PHI SIGMA KAPPA FRATERNITY

Press

KAPPA SIGMA FRATERNITY

Staubly

SENIOR COUNCIL MEMBER FROM ENGINEERING SCHOOL

Ellenberger, '34

G. W. U. GLEE CLUB

Thomas

G. W. U. GLIDER CLUB

Heimbürger, *Vice-President*, '32

G. W. U. TROUBADOURS

Lawton

G. W. U. BAND

Whitmeyer

Heimbürger

GATE AND KEY

Staubly

G. W. U. ROUSERS CLUB (Cheering Section)

Ragan, *Organizer*

HISTORY of PHI THETA XI



For some time prior to 1927 the need for closer fellowship between the men enrolled in the several branches of engineering study of the School of Engineering at our University had been apparent. A concerted effort to fill this need was made by fourteen men representing both day and evening classes in civil, mechanical, and electrical engineering, and on April 28, 1927, a meeting was held at which the professional engineering fraternity, Phi Theta xi, was organized.

From the very beginning this group received the whole-hearted support and active cooperation of the engineering faculty. It was largely due to this immediate recognition and able support that the fraternity became well established soon after its founding and has steadily advanced in the work of developing closer fellowship.

One of the first problems of a group so founded is to develop activities that will justify its existence and achieve the desired results. The founders realized this and lost as little time as possible in so doing, in view of the fact that it was necessary to write a constitution, discuss at length the policies and ideals of their fraternity, and memorize ritual, much of which is not written but rather entrusted to the memory of the officers.

Social activities have not been stressed, although the importance of such activities as a means to the desired end—fellowship between engineering students—must be and has been considered. The first major event was an open dance given in December 1927 for the engineering student body, at which many embryo engineers met for the first time and numerous ideas were advanced as possibilities for this new organization. The success of this dance warranted its repetition annually. It is the sole mixed social event fostered by the fraternity and its popularity is attested to by the fact that the entire School looks forward with pleasure to this function.

In February 1928 the fraternity held its first initiation, and five men who were selected from a large prospective group were accepted. It was necessary, particularly in the beginning, to be certain that the fraternity was not represented by dead wood, so great care was accordingly taken in selecting new men.

During 1927 and 1928 a number of smokers and get-togethers were held to permit round-table discussions and usually to hear some widely recognized engineer speak on his particular work.

By the Spring of 1929 the real or imaginary barriers between the several branches of engineering students had been battered down to the point where it was believed an All-Engineering Annual Banquet would be successful. The first banquet, designed along the lines of the A.S.C.E. annual banquet, was given April 13, 1929, with far greater success than anticipated by the most optimistic members of the fraternity. This banquet is always given at one of the city's best hotels, and responsible Government officials, leading engineering educators, and representatives of A.S.C.E., A.S.M.E., and A.I.E.E. are to be seen at the speaker's table. The banquet has become firmly fixed as one of the most important annual functions of the School of Engineering.

Speakers who have been heard include General Fries, Dr. Gregory, Hon. Wm. McCracken, and General Rees. This year the speaker will be General Markham, Chief of Engineers, United States Army, or General Pillsbury, Assistant Chief of Engineers. This event is fast becoming an engineering home-coming, having had an attendance of sixty alumni last year, which it is hoped to increase to one hundred this year.

The successful execution of the annual banquet is now left to the Engineers' Council, which is described elsewhere in this petition and in which our fraternity is well represented. Establishment of this Council was another forward step toward closer fellowship and better cooperation in the School of Engineering, being initiated by Phi Theta Xi.

In addition to the activities just described, the fraternity has supported many minor events of the School. Last year it was instrumental in initiating the first Engineers' Day at the University, at which time classes were dismissed and exhibits were placed in the several buildings and laboratories to be viewed by parents and other interested persons. Each year the fraternity awards a handsome activities plaque to the graduating senior in the upper third of his class who has been most active in working for the good of the School and of his fellow students.

From the beginning regular meetings of the fraternity have been held twice a month, the President having the authority to call special meetings if necessary. The normal arrangement for meetings is one business and one dinner meeting each month; dinner meetings are called immediately following the six o'clock class and are well attended. Members of the faculty are frequently invited to attend dinner meetings, but speakers are not, as it is the policy of the fraternity to have the President call on any member whom he knows to be engaged in interesting and instructive work to give a short talk. The fraternity feels that this practice is of great benefit to the member as well as being of interest to the entire group.

Up to the present time it has not been feasible for the fraternity to maintain its own meeting rooms. However, one of the engineering class rooms is at our disposal, and assurance has been given that a permanent meeting room in the contemplated Student Union Building will be reserved for the exclusive use of the fraternity. It is hardly necessary to point out the many advantages of such a room. To date, there has never been a meeting postponed or called off because of a shortage of new business, and it is particularly significant that dinner meetings have frequently been sacrificed for business meetings, by reason of the ever-increasing activities of the fraternity.

For a short period after the founding of the fraternity the majority of the new members were drawn from the evening classes. This was perhaps due to the experience at that time that these men, despite their full programs, seemed to accomplish more for the fraternity. This situation was realized several years ago and remedial steps were taken to prevent the possibility of a membership consisting solely of men enrolled in the evening classes. The fraternity now has a number of day men who are equally as active as the evening men.

The matter of selecting new men for the fraternity is taken very seriously, and while the requirements are not made so as to exclude deserving men still sufficient care should be, and is taken to avoid

initiating men who will be satisfied to slide along or those of whom the fraternity cannot be proud at all times. The active and interested alumni of the fraternity are an example of the good results that obtain from the deliberate and careful selection of members. The requirements are briefly as follows:

1. That he be enrolled in the School of Engineering.
2. That he have sufficient credit-hours to be rated as a sophomore.
3. That he be an American citizen.
4. That he believe in the existence of a Supreme Being.
5. That he have sufficiently high scholarship to insure his not falling below the required grade index by reason of fraternity and extra-curricula activities.

It has not been necessary to adopt measures against other professional groups as there are no competitors in our particular field on this campus, nor is discrimination shown toward a man's religious affiliation. Minor qualifications are passed upon in a manner consistent with good judgment. The names of prospective pledges are submitted to the entire fraternity assembled and, if there are no objections, the men are investigated further by a pledging committee and invited to several dinner meetings to meet the members. Each name when brought up for final consideration is voted upon individually. The fraternity is justly proud of the fact that all men initiated into the fraternity have either graduated or are still enrolled in the University. It is also of interest to note that the fraternity has among its members most of the leaders of extra-curricula activities in the School of Engineering, and that the average grade index of the fraternity is 2.31 as compared with that of 2.03 for the School.

There is no good reason why Phi Theta Xi should not continue to forge ahead, and as a chapter of Theta Tau it is believed that progress would be made at an even greater pace than in the past.



THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

March 16, 1934

To the Council of Theta Tau Fraternity:

It has been brought to my attention that the Phi Theta Xi Engineering Fraternity is making application for membership in your national organization.

The local organization, having been organized for some little time, has proved itself so that I am willing at this time to recommend it to you for your earnest consideration. The membership of the group forms a fine body of men on whom you could rely with utmost confidence and who would represent your organization well in our student body and among our alumni.

It is a pleasure to recommend this group to you for your consideration.

Yours very sincerely,

CLOYD H. MARVIN,
President.

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

March 9, 1934

The Executive Council,
Theta Tau Fraternity,
Gentlemen:

We have in the George Washington University a local professional Engineering Fraternity, of our School of Engineering, called the Phi Theta Xi Fraternity. They are presenting a formal petition for a national charter from the Theta Tau Fraternity.

It is a pleasure to me to commend to you unreservedly these men in the hope that you may be able to look with favor upon their application. They are men of good character, of good scholarship, with a fraternal spirit, and attractive personality.

They are a wholesome group in the University fellowship. I believe that the ideals of the Theta Tau Fraternity may be safely entrusted to them in our University life.

Sincerely yours,

WILLIAM ALLEN WILBUR,
Provost.

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

March 13, 1934

The Executive Council,
Theta Tau Fraternity.
Gentlemen:

It is a pleasure for me to express a word of appreciation of the Phi Theta Xi Fraternity and its members.

This group has maintained a grade average well above that of the Engineering students as a whole. They work well together and seem to have the wholehearted respect of their fellow students. Their influence has always been a wholesome one.

I believe that any organization with which they affiliate will find them to be worthy associates.

Sincerely yours,

JOHN R. LAPHAM, *Dean,*
School of Engineering

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

March 9, 1934

The Executive Council,
Theta Tau Fraternity.
Gentlemen:

I wish to take this opportunity to endorse the petition of our fraternity, Phi Theta Xi, for membership in your organization. It is a real pleasure to lend whatever support I may to their request.

I have known this group since its beginning and most of its founders for a prior period. As an honorary member I have been privileged to meet with them often and feel that I know the members quite well from scholastic and social viewpoints. Many of the alumni are known to me in a very personal way and because these have been active in the fraternity, I regard the active group all the more highly.

With this background of Phi Theta Xi, I feel no hesitancy in recommending them to you. They are a fine group and will prove an asset to your fraternity.

If I can be of any further assistance I shall esteem it a privilege.

Very truly yours,

NORMAN B. AMES,
Professor of Electrical Engineering,
Executive Officer of the Department.

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

March 9, 1934

The Executive Council,
Theta Tau Fraternity.
Gentlemen:

It is a pleasure to add my endorsement to the petition of the Phi Theta Xi fraternity, at The George Washington University, for affiliation with Theta Tau.

I have been connected with Phi Theta Xi as an honorary member for some time and consider the fraternity as one of the strongest student organizations which I have contacted during my teaching career. It is a body of fine young men and among the members will be found men of outstanding scholarship and leaders of University and School activities.

The fraternity has been a valuable asset to the School of Engineering and I am sure it will be one to any affiliated group.

Very sincerely yours,

FRANK A. HITCHCOCK,
*Professor of Civil Engineering,
Executive Officer of the Department.*

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

March 8, 1934

The Executive Council,
Theta Tau Fraternity.
Gentlemen:

Members of our local professional engineering fraternity, Phi Theta Xi, inform me that they have applied for affiliation with your national organization.

It is a pleasure to recommend them as a group representing the better than average students in the School of Engineering.

You will find them well organized, active, and a credit to any society of which they may be members. I have known them personally and have been pleased by the activities of Phi Theta Xi. These have always been well managed and of a nature calculated to promote the best interests of The George Washington University.

Please call upon me if you desire further information.

Yours cordially,

ARTHUR F. JOHNSON,
*Professor of Mechanical Engineering,
Executive Officer of the Department.*

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, D. C.

March 24, 1934

The Grand Council,
Theta Tau Fraternity,
Gentlemen:

It gives me pleasure to commend for your favorable attention, the Phi Theta Xi Fraternity of the George Washington University.

This fraternity numbers in its membership many scholastic leaders of the School of Engineering as well as leaders in student activities. Its attitude has ever been altruistic, and it whole-heartedly supports any activity benefiting the student body as a whole. For the past two years the chapter has offered the Phi Theta Xi (scholastic-activities) Prize for seniors, awarded by a faculty committee. It is significant that in each instance the award was made to a member.

The influence of Phi Theta Xi has been decidedly wholesome, and its activities meet with complete faculty approval. The members are known to me personally as individuals and as a group, and I heartily endorse their petition for a chapter of Theta Tau.

Yours very truly,

BENJ. C. CRUICKSHANKS,
*Associate Professor of
Mechanical Engineering*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

March 8, 1934

The Executive Council,
Theta Tau Fraternity,
Urbana, Illinois.
Gentlemen:

It has been brought to my attention that the local engineers' fraternity Phi Theta Xi of George Washington University is petitioning for membership in Theta Tau.

It has been my privilege to make the acquaintance of a large number of the members of Phi Theta Xi, and in all cases I have been very favorably impressed with the aggressive spirit they have shown in their desire to keep in close touch with the many problems confronting the engineering profession, and particularly the work that comes under the supervision of the Bureau of Reclamation of the Department of the Interior. Based upon this intimate contact, I feel that this progressive spirit should be given appropriate recognition, and do hereby endorse their application for membership in Theta Tau, with the hope that it will receive your favorable consideration.

Very sincerely yours,

GEORGE O. SANFORD,
Chief of the Engineering Division.

COMMISSIONERS OF THE DISTRICT OF COLUMBIA
EXECUTIVE OFFICE

MELVIN C. HAZEN, PRES.

March 14, 1934

Executive Counsel,
Theta Tau Fraternity.
Gentlemen:

It has been brought to my attention that a local group, Phi Theta Xi Fraternity of George Washington University, is petitioning your organization for a charter.

It may interest you to know that for many years I have been closely associated with many of the graduates and undergraduates of the George Washington University, and also know personally several members of the Phi Theta Xi Fraternity. In these associations I have always recognized the value and importance of their work in the School of Engineering of George Washington University.

In conclusion, I can safely say that I feel sure that the proposed association of your organization with the local group will prove both successful and beneficial to all parties concerned.

Sincerely yours,

MELVIN C. HAZEN.

POTOMAC ELECTRIC POWER COMPANY
WASHINGTON, D. C.

March 14, 1934

To the Executive Council,
Theta Tau.
Gentlemen:

I have been informed by some of the students and alumni of the Engineering School of George Washington University that it is proposed by members of Phi Theta Xi to present a petition seeking recognition of this unit as a chapter of your organization. It has been my pleasure to have been associated with many of the faculty, students and graduates of the George Washington University Engineering School. Some of these have been and are now employed in the Engineering Department of this Company, and all are men of excellent reputation and ability. My impression of these men, among whom are included many belonging to Phi Theta Xi, is highly favorable and I regard them as men of the type with whom any one may be pleased to associate.

Very truly yours,

J. H. FERRY,
*Vice-President and
Chief Engineer*

DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
WASHINGTON, D. C.

March 9, 1934

Executive Council,
Theta Tau Fraternity,
Box 1204,
Raleigh, N. C.

Gentlemen:

I am advised that the Phi Theta Xi Fraternity, an engineering fraternity of George Washington University, is petitioning Theta Tau for admission as a chapter of your Fraternity.

I desire to say that members of the Bureau of Standards staff who carry on engineering studies at George Washington University are, upon graduation, promoted to Junior Engineers by authority of the Civil Service Commission without further examination. This constitutes, I believe, direct evidence of the high character of the engineering work done at George Washington, for college graduates who desire to enter the Government service directly after graduation must first pass a competitive professional examination.

Graduates of George Washington University are now holding highly responsible positions in the Bureau of Standards, and the University plays an important part in the academic work of our staff.

Respectfully,

LYMAN J. BRIGGS,
Director.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM

March 12, 1934

The Executive Council,
Theta Tau Fraternity,
Gentlemen:

I understand that the local professional engineering fraternity at George Washington University, Phi Theta Xi, is planning to submit a petition for a charter from your national organization.

In my experience as Professor of Geology at the George Washington University and as Head Curator of Geology at the National Museum, I have had opportunity to know most of the students of the engineering school both in and out of the classroom and I have found them earnest and of high standards in every way. These same characteristics are reflected in the faculty of the school of engineering, so that these features added to the location of George Washington University in the Nation's Capital convince me that our University should be represented in your national organization.

Very truly yours,

R. S. BASSLER,
Head Curator of Geology.

THE GEORGE WASHINGTON « « « UNIVERSITY » » »



The origins of The George Washington University go back to the early days of the Republic and to the desire of this country's first President. During one hundred and twelve years it has existed and developed in the heart of the Nation.

From the very day of its founding, men of national prominence have had a part in its history, and distinguished statesmen from foreign countries have moved through its halls.

The idea of a University located in the National Capital was sponsored by George Washington, who during his public life urged the establishment of such an institution and in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a University to be established in the District of Columbia, "to which the youth of fortune and talents from all parts . . . might be sent for the completion of their education in all branches of polite literature—in Arts and Sciences, and in acquiring knowledge in the principles of politics and good government."

As early as 1819 the Reverend Luther Rice, a Baptist missionary, had formed an association to buy land for the use of a college in the City of Washington. With George Washington's idea in mind, John Quincy Adams, Secretary of State; William H. Crawford, Secretary of the Treasury; John C. Calhoun, Secretary of War; William Wirt, Attorney General; and Return J. Meigs, Postmaster General, became patrons of the new college and, together with thirty-two members of Congress, contributed to a fund for the development of the institution.

In furtherance of that hope and project, this University, founded as Columbian College, and now named The George Washington University, was chartered by Act of Congress in 1821. The first commencement was held on December 15, 1824, with President Monroe and the Marquis de Lafayette heading the eminent company in attendance.

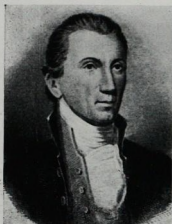
The name was changed to The George Washington University in 1904 in accordance with an act of the Congress of the same year.

The endowment of The George Washington University, not including the value of buildings, grounds, and equipment, is \$1,670,245. The buildings, grounds, and equipment are valued at \$3,500,000.

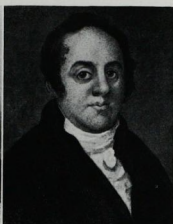
The amount received from tuition in 1932-33 was \$845,211.00. The operating expenses of the University are met only in part through income from tuition.

The total enrollment is in excess of six thousand, with approximately four hundred and fifty professors and instructors.

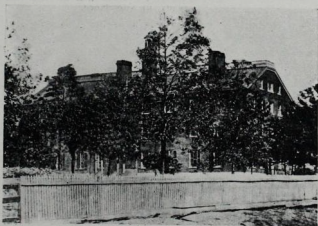
The government and general educational management of The George Washington University is vested in a self-perpetuating Board of thirty-three Trustees, with the President of the University an ex-officio member. These thirty-three elected members of the Board are named for a period of three years and are divided into three classes of eleven members each. The members of one class are elected at each annual meeting to fill the places of the members whose terms of office expire. Two persons of each class are nominated by the Alumni Association.



President Monroe



John Quincy Adams



Columbian College in 1860

« « « WASHINGTON » » » AND EDUCATION



Many forces combine to make Washington an intellectual and cultural center as well as the political capital of the nation.

These forces flow from the Government, from the numerous scientific and educational establishments and national commercial and industrial associations with headquarters located here, and from the presence of the diplomatic missions and many unofficial international bodies which contribute to the cosmopolitan aspect of life in the capital of the nation.

Appreciating the educational value of governmental activities, Congress early provided that the Government's facilities for research and illustration should be accessible to scientific investigators and to students.

Through its location The George Washington University profits enormously by these reservoirs of knowledge existent in the nation's capital. The University acts as a coordinating agency in establishing relationships between its membership and these resources, and assimilates them in its program of study and research.

With an understanding far broader than the view general to the age, George Washington perceived that the safety of democracy rests in the enlightenment of the whole people. His idea of an institution of higher learning, and his oft-expressed concern for the establishment of a university in the National Capital, issued from this concept.

In Washington's day education was based upon an aristocracy of discipline, and learning was the ornament of the privileged. A century later the emphasis in education came to be placed upon the factual interpretation of life, and the scholar became an investigator.

Today, overtaking Washington's vision, we have arrived at a democracy of intellect, when higher education not only must recognize and exercise both of these functions, but must apply them for the betterment of mankind.

Cleaving to the principles of Washington, The George Washington University is dedicated to the democratic ideal in education, as touches its objectives and its opportunities.

Special care is taken to keep the University's training within the reach of all who desire to avail themselves, tuition and class hours being arranged to accomodate the student for whom self-help is necessary.

To lay before her students the records of history, to inspire them through instruction in the technique of discovery, and to lead them to the interpretation and application of this knowledge in terms of social usefulness—this is the aim of The George Washington University.

THE SCHOOL of ENGINEERING



The School of Engineering of The George Washington University originally bore the name of the Corcoran Scientific School, being organized in 1884, and continuing under this name until 1903, when it was combined with the School of Graduate Studies of the Columbian College under the name of the Department of Arts and Sciences, this name being retained for two years. In 1905 all of the engineering courses were placed under administrative organization, and the name of the school was changed to the Washington College of Engineering.

In 1909 the name of this Washington College of Engineering was changed to the College of Engineering and Mechanic Arts, and functioned under this title until 1914, when the name was shortened to the College of Engineering. The name was finally changed to the School of Engineering in 1928.

The School of Engineering has trained some of the outstanding engineers of this country, notably a number who have directed vast engineering projects of the Federal Government such as the Panama Canal, the Roosevelt and Coolidge Dams, and other reclamation works.

REQUIREMENTS FOR ADMISSION

The School of Engineering admits from high school on certificates subject to the following conditions: (1) If the school is accredited by the Regional Association, the student must have attained a rank not lower than the fourth fifth of his class; (2) If the school is not on the Regional Association list, but has been accredited by the State Accrediting Agency, the student shall be required to have attained a rank in the upper two-fifths of his class; if he has attained a rank below this, College Entrance Board Examinations or the George Washington University Entrance Examinations will be required for admission.

GRADES

The following grading system is used in all undergraduate schools and divisions of the University:

- A (90-100 per cent) Excellent
- B (80-89 per cent) Good
- C (70-79 per cent) Average
- D (60-69 per cent) Passing
- E Conditioned, not passing
- F Failure

The quality-point index is computed from grades as follows:

- A, four points
- B, three points
- C, two points
- D, one point
- E, no points
- F, minus one point for each semester hour

A semester-hour represents one recitation, lecture, or laboratory period a week for one semester. Scholarship is computed in terms of the quality-point index obtained by dividing the number of quality-points by the number of semester-hours for which the student has registered.

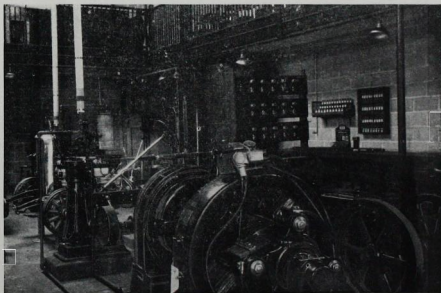
In order to graduate a student must have a quality-point index of at least 2.00. The degree may be conferred "with distinction," at the discretion of the Faculty, upon those students attaining a quality-point index of 3.50 or higher.

DEGREES

Upon the satisfactory completion of the undergraduate requirements of the School of Engineering, the degree of Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, Bachelor of Science in Mechanical Engineering, or Bachelor of Science in Engineering is conferred.

Professional degrees of Civil Engineer, Electrical Engineer, or Mechanical Engineer may be conferred upon graduates of the School of Engineering who have demonstrated their professional ability, and submitted their thesis.

The enrollment of the School of Engineering is 325 students.



Section of Mechanical Engineering Laboratory

THE ENGINEERS' COUNCIL



The Engineers' Council is a coordinating and sponsoring body organized within the School of Engineering. It is composed of eleven delegates; two from each organization in the School of Engineering, which includes the three Student Chapters of the national professional engineering societies, Phi Theta Xi professional engineering fraternity, and Sigma Tau, national honorary engineering fraternity, and the representative from the School of Engineering to the Student Council of the University.

Besides regulating the time of meetings of organizations within the School of Engineering with respect to universal convenience and coordination, it serves to bring together every element of the School for unified action.

The Council sponsors All-Engineering and cooperative functions, such as the Annual Engineers' Ball, the Annual Engineers' Banquet, joint meetings of the engineering societies, and mixer-meetings for the entire School. Since its organization in January, 1933, it has sponsored five major functions open to the entire School of Engineering, with a total attendance of over twelve hundred persons and has handled efficiently and profitably over eight hundred dollars in funds.

The Engineers' Council was the brain-child of a member of Phi Theta Xi, and the Fraternity has been dominant on the Council since its inception. This year six representatives sitting on the Council are members of the Fraternity, and hold all offices except that of the Secretary.

PHI THETA XI ALUMNI

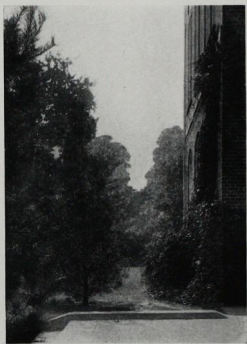


ACTIVITIES OF ALUMNI OF PHI THETA XI

Because of the proximity of the seat of our Government to George Washington University it is natural to find many of our men in Government service after graduation. A very cursory examination shows that the following Government departments or divisions are represented: U. S. Bureau of Standards, U. S. Corps of Engineers, U. S. Coast and Geodetic Survey, U. S. Naval Gun Factory, U. S. Coast Guard, U. S. Patent Office, U. S. Bureau of Public Roads, U. S. Bureau of Indian Affairs, Office of National Parks, Buildings and Reservations, and Interstate Commerce Commission. In addition to this the Government field services include a construction engineer for the Bureau of Indian Affairs and a Park Engineer with the National Park Service.

A number of graduates are connected with the utilities; railroad, telephone, and electric light and power, and many others with private enterprises. One alumnus holds the record for far travel—he is an assistant physicist with the Department of Terrestrial Magnetism of the Carnegie Institution of Washington, and went to Alaska in connection with scientific research work done during the "International Polar Year."

Upon investigation of the Alumni Secretary's records, it has been shown that over eighty per cent of our graduates are actively engaged in engineering or scientific work.



The Clinging Ivy and the Evergreens



